

**J.W.MILLER**

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Marketing Services  
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Hattiesburg, MS 39402  
(601) 264-4755  
FAX: 601-264-0226

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Phoenix, AZ 85044  
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FAX: 714-753-1881

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Carlsbad, CA 92008  
(619) 720-0564  
FAX: 619-720-3334

### CANADA

Can Rep Group Inc.  
B-23A, 6020-2nd St. S.E.  
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Canada T2H 2L8  
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FAX: 403-287-4902

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NEBRASKA (Northwest)  
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FAX: 303-477-1134

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Winter Park, FL 32789  
(407) 740-0320  
FAX: 407-740-0319

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### WISCONSIN (Eastern)

DAVENPORT, IOWA  
Specialized Marketing  
5000 Harvard Terrace  
Skokie, IL 60077-2752  
(708) 674-1111  
FAX: 708-982-0167

### INDIANA - KENTUCKY

Current Electronic Marketing, Inc.  
141 First Street S.W.  
Carmel, IN 46032  
(317) 844-1770  
FAX: 317-844-1795

### IOWA (Except Davenport)

### KANSAS - ILLINOIS (Southern)

### MISSOURI - NEBRASKA (Eastern)

Lowell/Kangas & Associates  
12015 Manchester  
St. Louis, MO 63131  
(314) 821-4050  
FAX: 314-821-3147

### MICHIGAN

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East Detroit, MI 48021-3276  
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Valley Oaks Business Center  
7167 Shady Oak Road  
Eden Prairie, Minnesota 55344  
(612) 944-5850  
FAX: 612-944-5855

### EXPORT REPRESENTATIVE:

Roburn Agencies, Inc.  
Six Executive Blvd.  
Yonkers, New York 10701  
(914) 968-1016  
FAX: 914-968-2188

### NEW ENGLAND STATES

Conti-Younger Associates, Inc.  
12 Blanchard Road  
Burlington, MA 01803  
(617) 273-1582  
FAX: 617-270-0310

### METRO NEW YORK

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Englewood, NJ 07631  
(201) 569-7600  
FAX: 201-569-0252

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Marcellus, NY 13108  
(315) 673-1009  
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FAX: 419-394-4815

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Chet Wells & Company, Inc.  
3912 London Lane  
Fort Worth, TX 76118  
(817) 284-0261

### OREGON - WASHINGTON

### WESTERN IDAHO

### WESTERN MONTANA

Caruso-Camelleri Associates  
10020-A Main Street, Suite 140  
Bellevue, WA 98004  
(206) 455-8811  
FAX: 206-454-1261

### NORTH CAROLINA

### SOUTH CAROLINA

### TENNESSEE (Eastern)

South Tech Sales  
5611 Creedmoor Road, Suite 184  
Raleigh, NC 27612  
(919) 571-1313  
FAX: 919-787-4906

## WARRANTY

Every Miller Product is guaranteed during a period of 90 days from date of shipment to be free from defects in material and workmanship. Our liability is limited to replacing or repairing any defective units in these respects which are returned during such a period, which have not been subject to misuse, neglect, improper installation, repair, alteration or accident.

Merchandise must not be returned without prior permission and then transportation charges must be prepaid.

We reserve the right to make improvements on products without assuming any obligation to make similar improvements on products previously sold.

**NOTE:** In this list the word "Chokes" refers to Fixed or Non-Adjustable Inductors. The word "Coils" refers to Adjustable Inductors.

DESCRIPTION	DESCRIPTION
Chokes, Fixed	High current filter chokes.....33 thru 35
Molded chokes.....21 thru 26	High current toroids.....34
Varnish chokes.....28 thru 31	Index .....40 thru 43
Heavy Duty chokes.....32, 34	Mil-Spec Chokes and Coils .....22 thru 25
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Ferrite Beads.....39	Toroidal Chokes ..27, 34
Filters .....39	Warranty ..... 1

### MIL-SPEC (MS) to MILLER SERIES

MS Number	Reference Series	MS Number	Reference Series	MS Number	Reference Series
MS 14046	9310	MS 21380	L	MS 75087	9250
MS 14047	9350	MS 21388	M	MS 75088	9250
MS 14048	9350	MS 21389	S	MS 75089	9250
MS 14049	9350	MS 21390	S	MS 75101	9320
MS 14050	9350	MS 75008	9320	MS 75103	9340
MS 14052	9330	MS 75052	9350	MS 90537	9250
MS 16221	9340	MS 75053	9350	MS 90538	9210
MS 16222	9330	MS 75054	9350	MS 90539	9220
MS 16223	9350	MS 75055	9350	MS 90540	9220
MS 16224	9320	MS 75083	9230	MS 90541	9220
MS 16225	9310	MS 75084	9230	MS 90542	9330
MS 18130	9310	MS 75085	9230	MS 91189	9340 and 9360

**J.W. Miller Company has been a dependable source of quality coils and chokes since 1924.**

Intensive specialization in coil design and manufacturing assures excellent operating results with a high degree of reliability. When desired, engineering assistance can be furnished to help achieve optimum circuit performance.

An extensive line of standard components is available for immediate delivery. Most types are available through nationwide distributors.

Custom winding for special requirements per your drawings can be provided. Automated coil winding machines provide high volume capability to facilitate competitive pricing.

Environmental test facilities have been installed to assure quality, prove designs and minimize developmental time. Test and production facilities have been audited by major systems manufacturers and government agencies.

# GUIDE TO BETTER COIL SELECTION RF Chokes & Coils

*In order to get better r.f. coil performance, the circuit designer should be aware of the important characteristics and limitations of the various inductors that are available. Knowledge of these factors will permit an intelligent and more economical selection to be made.*

Coil catalogs usually give only a few parameters that indicate the ranges and types of coils available to circuit designers. To obtain the best results for a specific application, it is advisable to contact a coil design engineer since the majority of coils produced today are built to meet a designer's specific performance requirements. Since the coil designer can do a better job with more complete information the circuit engineer would do well to consider some of the important characteristics and limitations of coil performance.

Optimum coil design depends upon a compromise in physical size, inductance range, and stability of the device. If inductance range is the most important factor, ferrite or high-permeability powdered materials can be used. If stability is more important, lower permeability material must be used.

## PRIMARY CONSIDERATIONS IN SELECTING INDUCTORS

**Function** coil will perform-oscillator, tuned inductor, filter, choke, pulsed amplifier, other.

**Operating frequency range**-determines value of inductance required, allowable amount of distributed capacitance, core material used.

**Self-resonant frequency**-determines upper limit of operating frequency range.

**Circuit application**-approximate coil loading due to amplifying device (tube or transistor) determines in-circuit impedance and gain of stage.

**Inductance value**-fixed or adjustable, if adjustable, range required.

**"Q"**-maximum desired value of "Q" consistent with available materials and cost; a compromise of physical and electrical parameters.

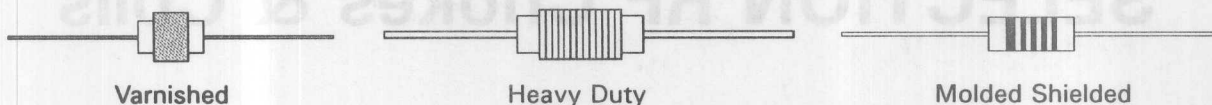
**Current in circuit**-steady-state, pulsed approximate waveform.

**D.C. resistance**-minimum d.c. resistance, consistent with available material and cost, gives more efficient performance.

**Peak r.f. voltage**-when r.f. voltages over 500 volts will be encountered, multi-pi chokes should be considered for advantages of voltage dividing effect.

**Mounting location**-with respect to other components, chassis and cabinet may change f. and Z of circuit by distorting magnetic field.

# Fixed Inductor Selector Guide



*This guide is designed to help you by listing all FIXED INDUCTORS listed in the J.W. MILLER INDUSTRIAL CATALOG.....listed as follows:*

- **FIRST COLUMN:** **INDUCTANCE ..... $\mu$ H = MICROHENRIES** All Inductors and chokes listed in the catalog and this guide are shown in  $\mu$ H ....Microhenries.
- **SECOND COLUMN:** **CURRENT RATING. ....mA = MILLIAMPERES** (Where an "A" is listed ... such as **15A** ... this designates.... AMPERES.
- **THIRD COLUMN:** **RESISTANCE = OHMS ...dc .....MAXIMUM**
- **FOURTH COLUMN:** **CONFIGURATION ...or... TYPE ...as follows:**
  - M = MOLDED
  - S = SHIELDED
  - V = VARNISH
  - V-HD = VARNISH ..Heavy Duty
  - CC = CONFORMAL COATED [EPOXY]
  - SM = SURFACE MOUNT
  - SMS = SURFACE MOUNT, SHIELDED
  - HD = HEAVY DUTY
- **FIFTH COLUMN:** **J.W. MILLER PART NUMBERS** that are listed for that particular INDUCTANCE.
- **EXAMPLE:** **.15  $\mu$ H (MICROHENRIES)** ... There are **Seventeen Miller Part Numbers** rated at **.15  $\mu$ H**. **Eight** are **Molded Types** ... **One** is **Shielded** ... **Two** are **Varnish Types** ... **Two** are **Surface Mount** ... **Three** are **Conformal Coated** ... **One** is **Surface Mount Shielded**  
*NOTE: The different resistances and current ratings available.*

## MICROHENRIES/MILLIHENRIES CROSS

A Microhenry = one thousandth of a Millihenry.

A Millihenry = one thousand Microhenries.

To change Microhenries to Millihenries = divide by 1,000. (Move the decimal point to the LEFT 3 places.)

Examples: 240  $\mu$ H = .240 mH; 1250  $\mu$ H = 1.250 mH

To change Millihenries to microhenries = multiply by 1,000. (Move the decimal point to the RIGHT 3 places.)

Examples: .100 mH = 100  $\mu$ H; 2.0 mH = 2000  $\mu$ H

*NOTE: For additional data regarding each part number ... such as ... Q Min....Test Freq.... Fo Min.MHz ... Core Material & Size ... Refer to the index for page number listed.*

# Selector Guide

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
0.010	450	0.130	SM	PM20-R010M	0.150	1470	0.037	M	9250-151
0.010	3000	0.020	M	100066	0.150	1800	0.060	M	100080
0.012	450	0.140	SM	PM20-R012M	0.150	1800	0.060	M	100094
0.012	3000	0.020	M	100067	0.150	2450	0.030	CC	8310-00
0.015	450	0.160	SM	PM20-R015M	0.150	2450	0.030	M	9310-00
0.015	3000	0.020	M	100068	0.150	2740	0.030	M	9110-00
0.018	450	0.180	SM	PM20-R018M	0.150	2828	0.025	V	70F157AP
0.018	3000	0.020	M	100069	0.150	2900	0.018	V	4582
0.022	450	0.200	SM	PM20-R022M	0.150	3000	0.030	M	100172
0.022	3000	0.020	M	100070	0.150	3000	0.030	M	9320-00
0.027	450	0.220	SM	PM20-R027M	0.180	450	0.280	SM	PM20-R18M
0.027	3000	0.020	M	100071	0.180	450	0.280	SM	PM40-R-18M
0.032	1000	0.000	M	75F238MPC	0.180	450	0.080	CC	78FR18M
0.033	450	0.240	SM	PM20-R033M	0.180	500	0.200	SMS	PM20S-R18M
0.033	3000	0.020	M	100072	0.180	1010	0.120	CC	8230-02
0.039	450	0.270	SM	PM20-R039M	0.180	1010	0.125	M	9230-02
0.039	1000	0.000	M	75F328MPC	0.180	1105	0.120	M	9130-02
0.039	3000	0.020	M	100073	0.180	1300	0.047	M	9250-181
0.047	450	0.300	SM	PM20-R047M	0.180	1600	0.070	M	100081
0.047	3000	0.020	M	100074	0.180	1600	0.070	M	100095
0.049	1000	0.000	M	75F518MPC	0.180	3000	0.030	M	100173
0.056	450	0.330	SM	PM20-R056M	0.220	400	0.400	CC	78FR22K
0.056	3000	0.020	M	100075	0.220	450	0.320	SM	PM40-R-22M
0.068	450	0.000	SM	PM20-R068M	0.220	450	0.320	SM	PM20-R22M
0.068	2500	0.030	M	100076	0.220	500	0.220	SMS	PM20S-R22M
0.082	450	0.400	SM	PM20-R082M	0.220	600	0.019	V	RFC-420
0.082	2200	0.040	M	100077	0.220	935	0.140	CC	8230-04
0.100	450	0.440	SM	PM40-R-10M	0.220	935	0.145	M	9230-04
0.100	450	0.440	SM	PM20-R10M	0.220	1025	0.140	M	9130-04
0.100	500	0.350	SMS	PM20S-R10M	0.220	1100	0.067	M	9250-221
0.100	500	0.060	CC	78FR10M	0.220	1500	0.080	M	100082
0.100	1100	0.070	CC	8230-94	0.220	1500	0.080	M	100096
0.100	1100	0.070	M	9230-94	0.220	1900	0.055	CC	8310-02
0.100	1350	0.080	M	9130-94	0.220	1900	0.055	M	9310-02
0.100	1790	0.025	M	9250-101	0.220	2020	0.055	M	9110-02
0.100	2200	0.040	M	100078	0.220	2294	0.038	V	70F227AP
0.100	2200	0.040	M	100092	0.220	2800	0.035	M	9320-02
0.100	3000	0.017	V	4580	0.220	2800	0.020	V	4584
0.100	3922	0.013	V	70F107AP	0.220	3000	0.030	M	100174
0.100	4000	0.020	M	100170	0.270	380	0.430	CC	78FR27K
0.108	1000	0.000	M	75F117MPC	0.270	450	0.360	SM	PM40-R-27M
0.120	450	0.220	SM	PM20-R12M	0.270	450	0.360	SM	PM20-R27M
0.120	450	0.220	SM	PM40-R-12M	0.270	500	0.250	SMS	PM20S-R27M
0.120	500	0.180	SMS	PM20S-R12M	0.270	855	0.110	M	9250-271
0.120	500	0.060	CC	78FR12M	0.270	875	0.160	CC	8230-06
0.120	1100	0.080	CC	8230-96	0.270	875	0.160	M	9230-06
0.120	1100	0.080	M	9230-96	0.270	960	0.160	M	9130-06
0.120	1270	0.090	M	9130-96	0.270	1400	0.100	M	100083
0.120	1530	0.034	M	9250-121	0.270	1400	0.100	M	100097
0.120	2000	0.050	M	100079	0.270	2700	0.040	M	100175
0.120	2000	0.050	M	100093	0.275	500	0.000	M	75F277MPC
0.120	3500	0.025	M	100171	0.330	370	0.480	CC	78FR33K
0.142	1000	0.000	M	75F157MPC	0.330	450	0.400	SM	PM40-R-33M
0.150	450	0.250	SM	PM20-R15M	0.330	450	0.400	SM	PM20-R33M
0.150	450	0.250	SM	PM40-R-15M	0.330	500	0.280	SMS	PM20S-R33M
0.150	500	0.190	SMS	PM20S-R15M	0.330	780	0.200	CC	8230-08
0.150	500	0.070	CC	78FR15M	0.330	780	0.200	M	9230-08
0.150	1100	0.100	CC	8230-00	0.330	780	0.130	M	9250-331
0.150	1100	0.100	M	9230-00	0.330	815	0.220	M	9130-08
0.150	1200	0.100	M	9130-00	0.330	1300	0.120	M	100084

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
0.330	1300	0.110	M	100098	0.680	900	0.270	M	100102
0.330	1400	0.090	CC	8310-04	0.680	1000	0.200	V	70F687AP
0.330	1400	0.090	M	9310-04	0.680	1100	0.150	CC	8310-08
0.330	1580	0.090	M	9110-04	0.680	1100	0.150	M	9310-08
0.330	1690	0.070	V	70F337AP	0.680	1220	0.150	M	9110-08
0.330	2000	0.065	M	9320-04	0.680	1300	0.150	M	9320-08
0.330	2500	0.050	M	100176	0.680	1500	0.120	M	100180
0.330	2600	0.024	V	4586	0.680	1700	0.080	M	9330-02
0.364	500	0.000	M	75F397MPC	0.680	2400	0.036	V	4590
0.390	350	0.510	CC	78FR39K	0.750	870	0.264	V	70F757AP
0.390	450	0.450	SM	PM40-R-39M	0.750	2200	0.040	V	4592
0.390	450	0.450	SM	PM20-R39M	0.820	290	0.740	CC	78FR82K
0.390	500	0.320	SMS	PM20S-R39M	0.820	370	0.590	M	9250-821
0.390	640	0.300	CC	8230-10	0.820	380	0.850	CC	8230-18
0.390	640	0.300	M	9230-10	0.820	380	0.850	M	9230-18
0.390	670	0.180	M	9250-391	0.820	415	0.850	M	9130-18
0.390	700	0.300	M	9130-10	0.820	450	0.670	SM	PM40-R-82M
0.390	1150	0.150	M	100085	0.820	450	0.650	SM	PM20-R82M
0.390	1200	0.140	M	100099	0.820	500	0.450	SMS	PM20S-R82M
0.390	2000	0.080	M	100177	0.820	600	0.041	V	RFC-220
0.470	330	0.560	CC	78FR47K	0.820	750	0.350	M	100089
0.470	450	0.500	SM	PM40-R-47M	0.820	800	0.300	M	100103
0.470	450	0.500	SM	PM20-R47M	0.820	830	0.290	V	70F827AP
0.470	500	0.350	SMS	PM20S-R47M	0.820	900	0.220	CC	8310-10
0.470	565	0.250	M	9250-471	0.820	900	0.220	M	9310-10
0.470	590	0.350	CC	8230-12	0.820	1020	0.220	M	9110-10
0.470	590	0.350	M	9230-12	0.820	1100	0.205	M	9320-09
0.470	650	0.350	M	9130-12	0.820	1300	0.180	M	100181
0.470	1000	0.200	M	100086	0.820	1520	0.110	M	9330-03
0.470	1100	0.170	M	100100	0.820	2100	0.043	V	4594
0.470	1225	0.120	CC	8310-06	1.000	270	0.800	CC	78F1R0K
0.470	1225	0.120	M	9310-06	1.000	350	1.000	CC	8230-20
0.470	1264	0.125	V	70F477AP	1.000	350	1.000	M	9230-20
0.470	1370	0.120	M	9110-06	1.000	385	1.000	M	9130-20
0.470	1700	0.085	M	9320-06	1.000	400	0.700	SM	PM20-1R0K
0.470	1970	0.060	M	9330-00	1.000	450	0.500	SM	PM40-1R0K
0.470	2000	0.080	M	100178	1.000	500	0.500	SMS	PM20S-1R0K
0.470	2500	0.034	V	4588	1.000	700	0.400	M	100090
0.490	500	0.000	M	75F477MPC	1.000	750	0.350	M	100104
0.560	320	0.610	CC	78FR56K	1.000	830	0.290	CC	8310-12
0.560	450	0.550	SM	PM40-R-56M	1.000	830	0.290	M	9310-12
0.560	450	0.600	SM	PM40-R-68M	1.000	880	0.290	M	9110-12
0.560	450	0.550	SM	PM20-R56M	1.000	920	0.170	CC	77F1R0K
0.560	490	0.330	M	9250-561	1.000	930	0.290	M	9320-10
0.560	495	0.500	CC	8230-14	1.000	1000	0.200	V	74F106AP
0.560	495	0.500	M	9230-14	1.000	1070	0.070	M	9250-102
0.560	500	0.370	SMS	PM20S-R56M	1.000	1100	0.240	M	100182
0.560	545	0.500	M	9130-14	1.000	1290	0.140	M	9330-04
0.560	900	0.250	M	100087	1.000	2000	0.050	V	4602
0.560	1000	0.220	M	100101	1.000	2041	0.048	V	70F106A1
0.560	1220	0.135	CC	8310-07	1.000	2700	0.040	M	100207
0.560	1220	0.135	M	9310-07	1.000	3300	0.018	V-HD	5300-01
0.560	1290	0.135	M	9110-07	1.100	2800	0.090	M	9360-01
0.560	1450	0.125	M	9320-07	1.200	260	0.900	CC	78F1R2K
0.560	1700	0.100	M	100179	1.200	390	0.750	SM	PM20-1R2K
0.560	1850	0.080	M	9330-01	1.200	430	0.550	SM	PM40-1R2K
0.570	500	0.000	M	75F597MPC	1.200	500	0.500	SMS	PM20S-1R2K
0.680	310	0.670	CC	78FR68K	1.200	590	0.180	M	9130-22
0.680	420	0.450	M	9250-681	1.200	650	0.420	CC	8310-14
0.680	450	0.600	CC	8230-16	1.200	650	0.420	M	9310-14
0.680	450	0.600	M	9230-16	1.200	700	0.400	M	100105
0.680	450	0.600	SM	PM20-R68M	1.200	730	0.420	M	9110-14
0.680	495	0.600	M	9130-16	1.200	785	0.400	M	9320-11
0.680	500	0.420	SMS	PM20S-R68M	1.200	825	0.180	CC	8230-22
0.680	800	0.300	M	100088	1.200	825	0.180	M	9230-22

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
1.200	880	0.210	CC	77F1R2K	2.200	610	0.800	M	100186
1.200	895	0.100	M	9250-122	2.200	650	0.190	M	9250-222
1.200	950	0.220	V	74F126AP	2.200	680	0.500	M	9330-08
1.200	1000	0.350	M	100183	2.200	750	0.280	CC	77F2R2K
1.200	1120	0.190	M	9330-05	2.200	800	0.300	V	74F226AP
1.200	1666	0.072	V	70F126AI	2.200	1132	0.156	V	70F226AI
1.200	2400	0.075	M	9340-00	2.200	1600	0.160	M	9340-04
1.200	2700	0.040	M	100208	2.200	1800	0.200	M	9360-02
1.200	3200	0.019	V-HD	5300-02	2.200	2500	0.050	M	100211
1.500	250	1.000	CC	78F1R5K	2.200	2600	0.031	V-HD	5300-05
1.500	370	0.850	SM	PM20-1R5K	2.400	1500	0.190	V	4606
1.500	410	0.600	SM	PM40-1R5K	2.700	220	1.300	CC	78F2R7K
1.500	500	0.550	SMS	PM20S-1R5K	2.700	290	1.100	SM	PM20-2R7K
1.500	535	0.220	M	9130-24	2.700	355	0.550	M	9130-30
1.500	600	0.500	CC	8310-16	2.700	370	0.750	SM	PM40-2R7K
1.500	600	0.500	M	9310-16	2.700	385	1.200	CC	8310-22
1.500	630	0.500	M	100106	2.700	385	1.200	M	9310-22
1.500	670	0.500	M	9110-16	2.700	420	1.100	M	100109
1.500	700	0.485	M	9320-12	2.700	430	1.200	M	9110-22
1.500	745	0.220	CC	8230-24	2.700	460	1.200	M	9320-16
1.500	745	0.220	M	9230-24	2.700	495	0.500	CC	8230-30
1.500	815	0.120	M	9250-152	2.700	495	0.500	M	9230-30
1.500	830	0.230	CC	77F1R5K	2.700	500	0.720	SMS	PM20S-2R7K
1.500	850	0.430	M	100184	2.700	535	0.280	M	9250-272
1.500	900	0.250	V	74F156AP	2.700	600	0.650	M	9330-10
1.500	925	0.280	M	9330-06	2.700	720	0.300	CC	77F2R7K
1.500	1443	0.096	V	70F156AI	2.700	1091	0.168	V	70F276AI
1.500	1800	0.093	V	4604	2.700	1350	0.220	M	9340-06
1.500	2150	0.090	M	9340-02	2.700	1600	0.120	M	100187
1.500	2700	0.040	M	100209	2.700	2500	0.050	M	100212
1.500	3100	0.020	V-HD	5300-03	2.700	2500	0.033	V-HD	5300-06
1.720	600	0.120	V	RFC-144	3.300	210	1.300	CC	78F3R3K
1.800	240	1.100	CC	78F1R8K	3.300	260	1.200	SM	PM20-3R3K
1.800	350	0.900	SM	PM20-1R8K	3.300	270	0.850	M	9130-32
1.800	390	0.650	SM	PM40-1R8K	3.300	300	2.000	CC	8310-24
1.800	455	0.300	M	9130-26	3.300	300	2.000	M	9310-24
1.800	500	0.600	SMS	PM20S-1R8K	3.300	335	2.000	M	9110-24
1.800	525	0.650	CC	8310-18	3.300	355	0.800	SM	PM40-3R3K
1.800	525	0.650	M	9310-18	3.300	380	0.850	CC	8230-32
1.800	530	0.700	M	100107	3.300	380	0.850	M	9230-32
1.800	580	0.740	M	9320-13	3.300	390	1.300	M	100110
1.800	590	0.650	M	9110-18	3.300	480	0.350	M	9250-332
1.800	640	0.300	CC	8230-26	3.300	480	1.000	M	9330-12
1.800	640	0.300	M	9230-26	3.300	500	0.800	SMS	PM20S-3R3K
1.800	720	0.650	M	100185	3.300	600	0.700	V	74F336AP
1.800	775	0.140	M	9250-182	3.300	670	0.340	CC	77F3R3K
1.800	790	0.250	CC	77F1R8K	3.300	912	0.240	V	70F336AI
1.800	790	0.370	M	9330-07	3.300	1150	0.305	M	9340-08
1.800	850	0.280	V	74F186AP	3.300	1350	0.140	M	9320-18
1.800	1443	0.096	V	70F186AI	3.300	1400	0.150	M	100188
1.800	1750	0.135	M	9340-03	3.300	1500	0.320	M	9360-03
1.800	2500	0.050	M	100210	3.300	1900	0.054	V-HD	5300-07
1.800	2900	0.023	V-HD	5300-04	3.300	2500	0.050	M	100213
2.200	230	1.200	CC	78F2R2K	3.350	20000	0.010	V-HD	5218
2.200	320	1.000	SM	PM20-2R2K	3.900	200	1.600	CC	78F3R9K
2.200	380	0.700	SM	PM40-2R2K	3.900	250	1.300	SM	PM20-3R9K
2.200	395	0.400	M	9130-28	3.900	250	1.000	M	9130-34
2.200	435	0.950	CC	8310-20	3.900	280	2.300	M	9310-26
2.200	435	0.950	M	9310-20	3.900	310	2.300	M	9110-26
2.200	470	0.900	M	100108	3.900	330	0.900	SM	PM40-3R9K
2.200	485	0.950	M	9110-20	3.900	350	1.000	CC	8230-34
2.200	500	0.700	SMS	PM20S-2R2K	3.900	350	1.000	M	9230-34
2.200	505	0.970	M	9320-14	3.900	360	1.500	M	100111
2.200	550	0.400	CC	8230-28	3.900	380	2.300	CC	8310-26
2.200	550	0.400	M	9230-28	3.900	440	1.200	M	9330-14

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
3.900	450	0.400	M	9250-392	5.600	1340	0.130	M	9330-18
3.900	500	0.800	V	74F396AP	5.600	1550	0.140	M	100216
3.900	500	0.850	SMS	PM20S-3R9K	5.600	1600	0.074	V-HD	5300-10
3.900	640	0.370	CC	77F3R9K	5.600	5600	0.024	HD	5800-5R6
3.900	870	0.264	V	70F396AI	5.600	12600	0.011	HD	5900-5R6
3.900	955	0.450	M	9340-10	6.200	700	0.830	V	4610
3.900	1000	0.450	V	4608	6.800	175	2.000	CC	78F6R8K
3.900	1200	0.230	M	100189	6.800	175	2.000	M	9130-40
3.900	1250	0.155	M	9320-20	6.800	180	2.000	SM	PM20-6R8K
3.900	1800	0.060	V-HD	5300-08	6.800	245	2.000	CC	8230-40
3.900	2100	0.070	M	100214	6.800	245	2.000	M	9230-40
3.900	7300	0.019	HD	5800-3R9	6.800	280	1.020	M	9250-682
3.900	15500	0.007	HD	5900-3R9	6.800	285	1.200	SM	PM40-6R8K
4.000	8000	0.012	V-HD	5230	6.800	300	2.200	M	100114
4.700	190	1.700	CC	78F4R7K	6.800	300	1.850	V	74F686AP
4.700	220	1.700	SM	PM20-4R7K	6.800	450	0.500	M	9110-32
4.700	230	1.200	M	9130-36	6.800	500	1.250	SMS	PM20S-6R8K
4.700	260	2.600	CC	8310-28	6.800	550	0.480	CC	77F6R8K
4.700	260	2.600	M	9310-28	6.800	566	0.624	V	70F686AI
4.700	294	2.600	M	9110-28	6.800	600	0.500	CC	8310-32
4.700	315	1.000	SM	PM40-4R7K	6.800	600	0.500	M	9310-32
4.700	320	1.200	CC	8230-36	6.800	635	1.050	M	9340-16
4.700	320	1.200	M	9230-36	6.800	800	0.550	M	100192
4.700	330	1.800	M	100112	6.800	800	1.100	M	9360-05
4.700	360	1.800	M	9330-16	6.800	810	0.375	M	9320-26
4.700	380	0.550	M	9250-472	6.800	1080	0.200	M	9330-20
4.700	400	1.000	V	74F276AP	6.800	1300	0.170	M	100217
4.700	400	1.000	V	74F476AP	6.800	1600	0.080	V-HD	5300-11
4.700	500	0.950	SMS	PM20S-4R7K	6.800	5300	0.026	HD	5800-6R8
4.700	620	0.390	CC	77F4R7K	6.800	11600	0.011	HD	5900-6R8
4.700	661	0.457	V	70F476AI	7.500	566	0.624	V	70F756AI
4.700	860	0.560	M	9340-12	8.200	155	2.700	M	9130-42
4.700	1000	0.300	M	100190	8.200	165	2.200	CC	78F8R2K
4.700	1100	0.210	M	9320-22	8.200	170	2.300	SM	PM20-8R2K
4.700	1100	0.600	M	9360-04	8.200	210	2.700	CC	8230-42
4.700	1700	0.068	V-HD	5300-09	8.200	210	2.700	M	9230-42
4.700	1800	0.090	M	100215	8.200	250	1.320	M	9250-822
4.700	6300	0.022	HD	5800-4R7	8.200	270	1.400	SM	PM40-8R2K
4.700	13900	0.008	HD	5900-4R7	8.200	275	1.900	V	74F826AP
4.900	15000	0.016	V-HD	5219	8.200	290	2.400	M	100115
5.000	10000	0.013	V-HD	5501	8.200	410	0.600	M	9110-34
5.000	14000	0.009	V-HD	5508	8.200	500	1.350	SMS	PM20S-8R2K
5.000	15000	0.007	V-HD	5601	8.200	518	0.744	V	70F826AI
5.000	19000	0.006	V-HD	5515	8.200	530	0.520	CC	77F8R2K
5.000	20000	0.005	V-HD	5610	8.200	545	0.600	CC	8310-34
5.000	23000	0.004	V-HD	5521	8.200	545	0.600	M	9310-34
5.500	850	0.670	V	4609	8.200	550	1.400	M	9340-18
5.600	180	1.900	CC	78F5R6K	8.200	600	1.200	V	4611
5.600	185	1.800	M	9130-38	8.200	600	0.310	V	RFC-50
5.600	200	1.800	SM	PM20-5R6K	8.200	720	0.650	M	100193
5.600	260	1.800	CC	8230-38	8.200	750	0.440	M	9320-28
5.600	260	1.800	M	9230-38	8.200	1030	0.220	M	9330-22
5.600	300	1.100	SM	PM40-5R6K	8.200	1150	0.250	M	100218
5.600	310	2.000	M	100113	8.200	1500	0.087	V-HD	5300-12
5.600	335	0.720	M	9250-562	8.200	4500	0.028	HD	5800-8R2
5.600	350	1.800	V	74F566AP	8.200	9890	0.013	HD	5900-8R2
5.600	500	1.100	SMS	PM20S-5R6K	8.800	10000	0.021	V-HD	5220
5.600	565	0.320	M	9110-30	9.100	288	1.440	V	70F916AI
5.600	590	0.430	CC	77F5R6K	10.000	130	3.700	M	9130-44
5.600	637	0.492	V	70F566AI	10.000	150	2.500	SM	PM20-100K
5.600	745	0.745	M	9340-14	10.000	160	2.500	CC	78F100K
5.600	750	0.320	CC	8310-30	10.000	180	3.700	CC	8230-44
5.600	750	0.320	M	9310-30	10.000	180	3.700	M	9230-44
5.600	900	0.450	M	100191	10.000	220	1.620	M	9250-103
5.600	935	0.280	M	9320-24	10.000	250	3.000	V	74F105AP

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
10.000	250	1.600	SM	PM40-100K	15.000	355	3.250	M	9340-24
10.000	277	1.560	V	70F105AI	15.000	370	1.400	CC	8310-40
10.000	280	2.600	M	100116	15.000	370	1.400	M	9310-40
10.000	335	0.900	M	9110-36	15.000	450	1.500	M	100119
10.000	356	1.580	V	72F105AP	15.000	450	2.000	SMS	PM20S-150K
10.000	445	0.900	CC	8310-36	15.000	460	0.720	CC	77F150K
10.000	445	0.900	M	9310-36	15.000	460	1.200	M	9320-34
10.000	450	1.450	SMS	PM20S-100K	15.000	500	1.400	M	100196
10.000	460	1.900	M	9340-20	15.000	500	55.000	M	9360-07
10.000	500	1.500	V	4612	15.000	670	0.520	M	9330-28
10.000	500	0.580	CC	77F100K	15.000	730	0.620	M	100221
10.000	550	1.100	M	100117	15.000	1000	0.170	V	4624
10.000	600	1.800	M	9360-06	15.000	1200	0.150	V-HD	5300-15
10.000	640	0.605	M	9320-30	15.000	1300	0.300	M	100246
10.000	650	0.730	M	100194	15.000	3300	0.040	HD	5800-150
10.000	950	0.260	M	9330-24	15.000	7340	0.022	HD	5900-150
10.000	1000	0.320	M	100219	18.000	100	7.500	V	74F185AP
10.000	1500	0.110	V	4622	18.000	120	3.600	SM	PM20-180K
10.000	1500	0.095	V-HD	5300-13	18.000	140	3.100	CC	78F180K
10.000	1800	0.150	M	100244	18.000	145	3.100	M	9130-50
10.000	4100	0.033	HD	5800-100	18.000	190	2.800	SM	PM40-180K
10.000	8700	0.017	HD	5900-100	18.000	195	3.100	CC	8230-50
10.000	9000	0.017	V-HD	5502	18.000	195	3.100	M	9230-50
10.000	11000	0.003	V-HD	5701	18.000	213	2.250	M	9110-42
10.000	12000	0.012	V-HD	5509	18.000	229	2.280	V	70F185AI
10.000	14000	0.008	V-HD	5602	18.000	280	2.250	CC	8310-42
10.000	16000	0.008	V-HD	5516	18.000	280	2.250	M	9310-42
10.000	17000	0.006	V-HD	5611	18.000	280	3.000	SMS	PM20S-180K
10.000	20000	0.006	V-HD	5522	18.000	300	0.890	M	9250-183
12.000	140	2.800	SM	PM20-120K	18.000	310	2.080	V	72F185AP
12.000	150	2.500	CC	78F120K	18.000	315	4.150	M	9340-26
12.000	155	2.700	M	9130-46	18.000	360	1.950	M	9320-35
12.000	200	2.000	M	9250-123	18.000	410	1.900	M	100120
12.000	200	3.600	V	74F125AP	18.000	430	0.770	CC	77F180K
12.000	210	2.700	CC	8230-46	18.000	460	1.600	M	100197
12.000	210	2.700	M	9230-46	18.000	580	0.700	M	9330-30
12.000	225	2.000	SM	PM40-120K	18.000	660	0.720	M	100222
12.000	267	1.680	V	70F125AI	18.000	1100	0.160	V-HD	5300-16
12.000	305	1.100	M	9110-38	18.000	1150	0.400	M	100247
12.000	344	1.690	V	72F125AP	18.000	3000	0.044	HD	5800-180
12.000	395	2.650	M	9340-22	18.000	6640	0.023	HD	5900-180
12.000	404	1.100	CC	8310-38	22.000	110	4.000	SM	PM20-220K
12.000	404	1.100	M	9310-38	22.000	130	3.400	CC	78F220K
12.000	450	1.700	SMS	PM20S-120K	22.000	140	3.300	M	9130-52
12.000	480	0.630	CC	77F120K	22.000	180	3.200	SM	PM40-220K
12.000	490	1.050	M	9320-32	22.000	190	3.300	CC	8230-52
12.000	500	1.300	M	100118	22.000	190	3.300	M	9230-52
12.000	590	1.100	M	100195	22.000	202	2.500	M	9110-44
12.000	720	0.450	M	9330-26	22.000	229	2.280	V	70F225AI
12.000	870	0.470	M	100220	22.000	250	3.200	SMS	PM20S-220K
12.000	1400	0.110	V-HD	5300-14	22.000	265	2.500	CC	8310-44
12.000	1600	0.230	M	100245	22.000	265	2.500	M	9310-44
12.000	3600	0.037	HD	5800-120	22.000	290	0.960	M	9250-223
12.000	8210	0.019	HD	5900-120	22.000	296	2.280	V	72F225AP
15.000	130	3.200	SM	PM20-150K	22.000	335	2.200	M	9320-36
15.000	145	2.800	CC	78F150K	22.000	380	2.300	M	100121
15.000	150	6.000	V	74F155AP	22.000	410	0.840	CC	77F220K
15.000	150	2.800	M	9130-48	22.000	430	1.800	M	100198
15.000	200	2.500	SM	PM40-150K	22.000	480	1.000	M	9330-32
15.000	205	2.800	CC	8230-48	22.000	500	2.000	V	74F225AI
15.000	205	2.800	M	9230-48	22.000	600	0.800	M	100223
15.000	250	1.920	V	70F155AI	22.000	1000	0.500	M	100248
15.000	271	1.400	M	9110-40	22.000	1000	0.190	V-HD	5300-17
15.000	315	0.800	M	9250-153	22.000	1150	0.295	M	9340-28
15.000	329	1.850	V	72F155AP	22.000	1500	0.300	M	9360-08

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
22.000	2700	0.050	HD	5800-220	33.000	1100	0.600	M	9360-09
22.000	6070	0.026	HD	5900-220	33.000	2200	0.075	HD	5800-330
24.000	202	2.500	M	9110-46	33.000	4820	0.032	HD	5900-330
24.000	265	2.500	CC	8310-46	36.000	180	2.500	CC	8210-54
24.000	265	2.500	M	9310-46	36.000	180	2.500	M	9210-54
24.000	600	0.840	V	RFC-28	36.000	202	2.500	M	9110-54
24.000	800	0.340	V	4626	38.500	600	1.630	V	RFC-21
25.000	213	2.640	V	70F255AI	39.000	65	6.400	SM	PM20-390K
25.000	5500	0.012	V-HD	5702	39.000	115	4.500	CC	78F390K
25.000	8000	0.023	V-HD	5603	39.000	125	3.600	M	9130-58
25.000	9000	0.012	V-HD	5706	39.000	150	4.500	SM	PM40-390K
25.000	14000	0.009	V-HD	5612	39.000	176	2.600	CC	8210-56
27.000	80	5.000	SM	PM20-270K	39.000	176	2.600	M	9210-56
27.000	125	3.800	CC	78F270K	39.000	180	3.600	CC	8230-58
27.000	135	3.500	M	9130-54	39.000	180	3.600	M	9230-58
27.000	170	3.600	SM	PM40-270K	39.000	188	3.360	V	70F395AI
27.000	185	3.500	CC	8230-54	39.000	198	2.600	M	9110-56
27.000	185	3.500	M	9230-54	39.000	200	4.500	SMS	PM20S-390K
27.000	198	2.600	M	9110-48	39.000	205	1.930	M	9250-393
27.000	213	2.640	V	70F275AI	39.000	252	3.140	V	72F395AP
27.000	220	3.500	SMS	PM20S-270K	39.000	290	3.800	M	100201
27.000	260	2.600	CC	8310-48	39.000	290	3.900	M	100124
27.000	260	2.600	M	9310-48	39.000	340	2.000	M	9330-38
27.000	260	1.190	M	9250-273	39.000	350	1.120	CC	77F390J
27.000	281	2.540	V	72F275AP	39.000	380	2.300	M	100226
27.000	300	2.750	M	9320-38	39.000	400	2.600	V	74F395AI
27.000	350	2.700	M	100122	39.000	600	0.650	V	4628
27.000	360	2.700	M	100199	39.000	720	1.100	M	100251
27.000	390	0.940	CC	77F270K	39.000	810	0.650	M	9340-34
27.000	420	1.300	M	9330-34	39.000	880	0.260	V-HD	5300-20
27.000	520	1.200	M	100224	39.000	2000	0.094	HD	5800-390
27.000	900	0.600	M	100249	39.000	4360	0.033	HD	5900-390
27.000	950	0.220	V-HD	5300-18	40.000	3000	0.082	V-HD	5240
27.000	1050	0.350	M	9340-30	43.000	172	2.700	CC	8210-58
27.000	2500	0.058	HD	5800-270	43.000	172	2.700	M	9210-58
27.000	5360	0.027	HD	5900-270	43.000	194	2.700	M	9110-58
27.000	7000	0.030	V-HD	5503	47.000	60	7.000	SM	PM20-470K
27.000	9000	0.022	V-HD	5510	47.000	110	4.900	CC	78F470K
27.000	12500	0.014	V-HD	5517	47.000	110	4.500	M	9130-60
27.000	15000	0.010	V-HD	5523	47.000	140	5.000	SM	PM40-470K
30.000	191	2.800	M	9110-50	47.000	160	7.000	SMS	PM20S-470K
30.000	255	2.800	CC	8310-50	47.000	165	4.500	CC	8230-60
30.000	255	2.800	M	9310-50	47.000	165	4.500	M	9230-60
33.000	70	5.600	SM	PM20-330K	47.000	170	2.750	CC	8210-60
33.000	120	4.100	CC	78F330K	47.000	170	2.750	M	9210-60
33.000	130	3.400	M	9130-56	47.000	188	3.360	V	70F475AI
33.000	160	4.000	SM	PM40-330K	47.000	193	2.800	M	9110-60
33.000	185	3.000	M	9110-52	47.000	195	2.110	M	9250-473
33.000	187	3.400	CC	8230-56	47.000	195	5.900	M	9350-00
33.000	187	3.400	M	9230-56	47.000	241	3.430	V	72F475AP
33.000	200	4.000	SMS	PM20S-330K	47.000	260	4.700	M	100125
33.000	208	2.760	V	70F335AI	47.000	275	4.000	M	100202
33.000	240	1.370	M	9250-333	47.000	300	3.000	M	100227
33.000	250	3.000	CC	8310-52	47.000	340	1.220	CC	77F470J
33.000	250	3.000	M	9310-52	47.000	350	3.500	V	74F275AI
33.000	264	2.870	V	72F335AP	47.000	350	3.500	V	74F475AI
33.000	300	3.500	M	100200	47.000	620	1.300	M	100252
33.000	320	3.300	M	100123	47.000	640	1.000	M	9340-36
33.000	370	1.030	CC	77F330J	47.000	700	1.200	M	9360-10
33.000	390	1.500	M	9330-36	47.000	760	0.350	V-HD	5300-21
33.000	450	1.500	M	100225	47.000	1800	0.109	HD	5800-470
33.000	450	2.000	V	74F335AI	47.000	3980	0.035	HD	5900-470
33.000	850	0.700	M	100250	50.000	5600	0.045	V-HD	5504
33.000	865	0.550	M	9340-32	50.000	6600	0.034	V-HD	5604
33.000	910	0.240	V-HD	5300-19	50.000	8000	0.028	V-HD	5511

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
50.000	8000	0.060	V-HD	7825-8	68.000	10000	0.023	V-HD	5519
50.000	8000	0.060	V-HD	D-7825-8	75.000	147	3.700	CC	8210-70
50.000	9500	0.012	V-HD	5711	75.000	147	3.700	M	9210-70
50.000	10000	0.017	V-HD	5613	75.000	162	4.560	V	70F755AI
50.000	10500	0.020	V-HD	5518	75.000	166	3.700	M	9110-70
50.000	14000	0.012	V-HD	5619	75.000	5000	0.030	V-HD	5707
50.000	15000	0.013	V-HD	5524	82.000	45	10.000	SM	PM20-820K
51.000	167	2.850	CC	8210-62	82.000	88	7.300	M	9130-66
51.000	167	2.850	M	9210-62	82.000	95	6.300	CC	78F820K
51.000	189	2.850	M	9110-62	82.000	100	10.000	SMS	PM20S-820K
55.000	500	1.000	V	4629	82.000	120	7.000	SM	PM40-820K
56.000	55	8.000	SM	PM20-560K	82.000	130	7.300	CC	8230-66
56.000	100	5.700	M	9130-62	82.000	130	7.300	M	9230-66
56.000	105	5.300	CC	78F560K	82.000	143	3.900	CC	8210-72
56.000	135	5.500	SM	PM40-560K	82.000	143	3.900	M	9210-72
56.000	145	5.700	CC	8230-62	82.000	158	4.800	V	70F825AI
56.000	145	5.700	M	9230-62	82.000	162	3.900	M	9110-72
56.000	150	8.000	SMS	PM20S-560K	82.000	180	2.440	M	9250-823
56.000	164	3.000	CC	8210-64	82.000	200	8.100	M	100128
56.000	164	3.000	M	9210-64	82.000	200	5.100	V	74F825AI
56.000	176	3.840	V	70F565AI	82.000	212	4.440	V	72F825AP
56.000	184	3.000	M	9110-64	82.000	220	6.200	M	100230
56.000	185	6.400	M	9350-02	82.000	235	5.300	M	100205
56.000	190	2.230	M	9250-563	82.000	245	3.500	M	9350-06
56.000	232	3.720	V	72F565AP	82.000	290	1.620	CC	77F820J
56.000	240	5.600	M	100126	82.000	425	2.800	M	100255
56.000	265	4.400	M	100203	82.000	440	2.100	M	9340-40
56.000	270	4.200	M	100228	82.000	450	1.900	V	4631
56.000	300	3.750	V	74F565AI	82.000	580	0.600	V-HD	5300-24
56.000	320	1.340	CC	77F560J	82.000	600	2.200	M	9360-11
56.000	540	1.800	M	100253	82.000	1400	0.152	HD	5800-820
56.000	610	1.150	M	9340-38	82.000	3100	0.060	HD	5900-820
56.000	650	0.470	V-HD	5300-22	84.000	600	4.320	V	RFC-14
56.000	1700	0.140	HD	5800-560	91.000	136	4.300	CC	8210-74
56.000	3660	0.037	HD	5900-560	91.000	136	4.300	M	9210-74
62.000	160	3.150	CC	8210-66	91.000	154	4.300	M	9110-74
62.000	160	3.150	M	9210-66	91.000	156	4.920	V	70F915AI
62.000	180	3.150	M	9110-66	100.000	40	10.000	SM	PM20-101K
62.000	475	1.200	V	4630	100.000	84	8.000	M	9130-68
68.000	50	9.000	SM	PM20-680K	100.000	90	7.000	CC	78F101K
68.000	92	6.700	M	9130-64	100.000	100	10.000	SMS	PM20S-101K
68.000	100	5.800	CC	78F680K	100.000	110	8.000	SM	PM40-101K
68.000	130	6.000	SM	PM40-680K	100.000	125	8.000	CC	8230-68
68.000	135	6.700	CC	8230-64	100.000	125	8.000	M	9230-68
68.000	135	6.700	M	9230-64	100.000	133	4.500	CC	8210-76
68.000	140	9.000	SMS	PM20S-680K	100.000	133	4.500	M	9210-76
68.000	156	3.300	CC	8210-68	100.000	139	7.680	V	70F104AI
68.000	156	3.300	M	9210-68	100.000	150	6.000	V	74F104AI
68.000	169	4.200	V	70F685AI	100.000	151	4.500	M	9110-76
68.000	170	2.700	M	9250-683	100.000	160	3.120	M	9250-104
68.000	176	3.300	M	9110-68	100.000	160	5.400	V	4642
68.000	218	4.200	V	72F685AP	100.000	180	9.700	M	100129
68.000	220	6.800	M	100127	100.000	197	5.160	V	72F104AP
68.000	250	4.700	M	100204	100.000	200	7.000	M	100231
68.000	250	5.200	M	100229	100.000	220	6.000	M	100206
68.000	250	4.000	V	74F685AI	100.000	235	3.800	M	9350-08
68.000	255	3.300	M	9350-04	100.000	250	2.000	V	73F104AF
68.000	305	1.470	CC	77F680J	100.000	275	1.800	CC	77F101J
68.000	450	2.400	M	100254	100.000	280	6.000	M	100142
68.000	470	1.850	M	9340-39	100.000	400	3.000	V	4632
68.000	610	0.530	V-HD	5300-23	100.000	400	3.200	M	100256
68.000	1500	0.145	HD	5800-680	100.000	405	2.500	M	9340-42
68.000	3310	0.047	HD	5900-680	100.000	500	2.800	M	9360-12
68.000	5000	0.054	V-HD	5248	100.000	550	0.670	V-HD	5300-25
68.000	7300	0.034	V-HD	5512	100.000	1200	0.208	HD	5800-101

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
100.000	2000	0.216	V-HD	5250	150.000	200	5.300	M	9350-12
100.000	2790	0.090	HD	5900-101	150.000	240	8.000	M	100144
100.000	4500	0.072	V-HD	5605	150.000	250	2.500	V	73F154AF
100.000	4900	0.061	V-HD	5505	150.000	280	6.400	M	100258
100.000	5000	0.120	V-HD	7825-5	150.000	410	1.200	V-HD	5300-27
100.000	5000	0.120	V-HD	D-7825-5	150.000	1000	0.340	HD	5800-151
100.000	6800	0.038	V-HD	5513	150.000	2220	0.129	HD	5900-151
100.000	7000	0.034	V-HD	5614	150.000	4600	0.069	V-HD	5506
100.000	9800	0.025	V-HD	5620	150.000	4750	0.046	V-HD	5712
100.000	10000	0.027	V-HD	5520	150.000	6300	0.046	V-HD	5514
100.000	14000	0.018	V-HD	5626	160.000	111	6.400	CC	8210-86
110.000	128	4.900	CC	8210-78	160.000	111	6.400	M	9210-86
110.000	128	4.900	M	9210-78	160.000	126	6.400	M	9110-86
110.000	144	4.900	M	9110-78	180.000	57	17.000	M	9130-74
120.000	66	13.000	M	9130-70	180.000	60	17.000	SM	PM20-181K
120.000	70	11.000	SM	PM20-121K	180.000	79	17.000	CC	8230-74
120.000	90	13.000	CC	78F121K	180.000	79	17.000	M	9230-74
120.000	90	11.000	SMS	PM20S-121K	180.000	80	16.000	CC	78F181K
120.000	97	13.000	CC	8230-70	180.000	90	17.000	SMS	PM20S-181K
120.000	97	13.000	M	9230-70	180.000	102	9.500	SM	PM40-181K
120.000	110	8.000	SM	PM40-121K	180.000	108	6.750	CC	8210-88
120.000	124	5.200	CC	8210-80	180.000	108	6.750	M	9210-88
120.000	124	5.200	M	9210-80	180.000	130	6.050	M	9110-88
120.000	135	8.160	V	70F124AI	180.000	135	4.400	M	9250-184
120.000	140	5.200	M	9110-80	180.000	135	8.160	V	70F184AI
120.000	150	3.600	M	9250-124	180.000	140	17.000	M	100132
120.000	160	12.000	M	100130	180.000	165	4.600	CC	77F181J
120.000	185	3.700	CC	77F121J	180.000	169	7.020	V	72F184AP
120.000	185	3.700	CC	77F221J	180.000	185	9.000	M	100234
120.000	188	5.640	V	72F124AP	180.000	220	10.000	M	100145
120.000	200	7.500	M	100232	180.000	225	5.500	M	9350-14
120.000	215	4.700	M	9350-10	180.000	240	9.500	M	100259
120.000	250	2.200	V	73F124AF	180.000	250	2.900	V	73F184AF
120.000	260	7.000	M	100143	180.000	380	1.400	V-HD	5300-28
120.000	315	4.100	M	9340-44	180.000	950	0.362	HD	5800-181
120.000	360	4.800	M	100257	180.000	1980	0.150	HD	5900-181
120.000	400	4.000	M	9360-13	200.000	106	7.100	CC	8210-90
120.000	470	0.900	V-HD	5300-26	200.000	106	7.100	M	9210-90
120.000	1100	0.283	HD	5800-121	200.000	120	10.300	V	70F204AI
120.000	2540	0.113	HD	5900-121	200.000	123	7.100	M	9110-90
125.000	2750	0.120	V-HD	5703	200.000	15000	0.100	V-HD	7828
125.000	3500	0.080	V-HD	5252	200.000	15000	0.100	V-HD	D-7828
125.000	7750	0.032	V-HD	5716	208.000	600	9.360	V	RFC-7
130.000	121	5.450	CC	8210-82	220.000	50	21.000	SM	PM20-221K
130.000	121	5.450	M	9210-82	220.000	52	21.000	M	9130-76
130.000	137	5.450	M	9110-82	220.000	73	21.000	CC	8230-76
135.000	20000	0.060	V-HD	7829	220.000	73	21.000	M	9230-76
135.000	20000	0.060	V-HD	D-7829	220.000	75	17.000	CC	78F221K
150.000	61	15.000	M	9130-72	220.000	90	21.000	SMS	PM20S-221K
150.000	65	15.000	SM	PM20-151K	220.000	100	10.000	SM	PM40-221K
150.000	85	15.000	CC	78F151K	220.000	103	7.450	CC	8210-92
150.000	85	15.000	CC	8230-72	220.000	103	7.450	M	9210-92
150.000	85	15.000	M	9230-72	220.000	114	11.500	V	70F224AI
150.000	90	15.000	SMS	PM20S-151K	220.000	117	7.450	M	9110-92
150.000	105	9.000	SM	PM40-151K	220.000	125	5.000	M	9250-224
150.000	114	6.050	CC	8210-84	220.000	130	20.000	M	100133
150.000	114	6.050	M	9210-84	220.000	159	7.910	V	72F224AP
150.000	130	6.050	M	9110-84	220.000	180	10.000	M	100235
150.000	135	8.160	V	70F154AI	220.000	200	12.000	M	100260
150.000	140	4.100	M	9250-154	220.000	200	12.000	M	100146
150.000	150	14.000	M	100131	220.000	220	5.900	M	9350-16
150.000	160	6.500	V	4644	220.000	250	3.200	V	73F224AF
150.000	175	4.200	CC	77F151J	220.000	320	1.900	V-HD	5300-29
150.000	177	6.360	V	72F154AP	220.000	860	0.430	HD	5800-221
150.000	190	8.000	M	100233	220.000	1890	0.162	HD	5900-221

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
240.000	101	7.800	CC	8210-94	390.000	55	35.000	CC	8230-82
240.000	101	7.800	M	9210-94	390.000	55	35.000	M	9230-82
240.000	115	7.800	M	9110-94	390.000	60	10.500	CC	78F391J
240.000	160	8.500	V	4646	390.000	80	23.000	SM	PM40-391K
250.000	111	12.100	V	70F254AI	390.000	97	15.800	V	70F394AI
250.000	2500	0.170	V-HD	5254	390.000	100	10.000	M	9220-08
250.000	2900	0.173	V-HD	5606	390.000	105	7.400	M	9250-394
250.000	3000	0.300	V-HD	7825-3	390.000	117	16.300	M	9110-104
250.000	3000	0.300	V-HD	D-7825-3	390.000	120	22.000	M	100136
250.000	4000	0.089	V-HD	5507	390.000	133	7.000	CC	77F391J
250.000	4600	0.083	V-HD	5615	390.000	135	10.900	V	72F394AP
250.000	6400	0.059	V-HD	5621	390.000	150	20.000	M	100149
250.000	8000	0.041	V-HD	5721	390.000	157	13.000	M	100238
250.000	9000	0.040	V-HD	5627	390.000	160	11.000	V	4648
266.000	600	12.960	V	RFC-3.5	390.000	180	15.500	M	100263
270.000	47	25.000	M	9130-78	390.000	180	8.700	M	9350-22
270.000	65	25.000	CC	8230-78	390.000	225	4.200	V	73F394AF
270.000	65	25.000	M	9230-78	390.000	260	3.000	V-HD	5300-32
270.000	70	6.500	CC	78F271J	390.000	640	0.772	HD	5800-391
270.000	92	18.000	SM	PM40-271K	390.000	1390	0.281	HD	5900-391
270.000	106	13.200	V	70F274AI	400.000	2250	0.330	V-HD	5708
270.000	110	8.200	M	9220-00	430.000	97	10.600	M	9220-10
270.000	115	5.800	M	9250-274	430.000	115	17.100	M	9110-106
270.000	120	24.000	M	100134	450.000	1500	0.490	V-HD	5705
270.000	143	11.000	M	9110-96	450.000	15000	0.200	V-HD	7872
270.000	145	5.800	CC	77F271J	470.000	36	42.000	M	9130-84
270.000	150	8.940	V	72F274AP	470.000	50	42.000	CC	8230-84
270.000	172	11.000	M	100236	470.000	50	42.000	M	9230-84
270.000	180	14.000	M	100147	470.000	53	11.600	CC	78F471J
270.000	195	13.000	M	100261	470.000	62	26.000	SM	PM40-471K
270.000	210	6.600	M	9350-18	470.000	92	9.500	M	9250-474
270.000	250	3.600	V	73F274AF	470.000	95	16.300	V	70F474AI
270.000	310	2.100	V-HD	5300-30	470.000	95	11.100	M	9220-12
270.000	770	0.557	HD	5800-271	470.000	110	27.000	M	100137
270.000	1630	0.208	HD	5900-271	470.000	112	17.900	M	9110-108
275.000	2000	0.240	V-HD	5704	470.000	126	7.700	CC	77F471J
300.000	106	13.200	V	70F304AI	470.000	129	12.000	V	72F474AP
300.000	107	8.700	M	9220-02	470.000	140	24.000	M	100150
300.000	140	11.500	M	9110-98	470.000	150	14.000	M	100239
330.000	45	28.000	M	9130-80	470.000	170	17.000	M	100264
330.000	62	28.000	CC	8230-80	470.000	190	9.000	M	9350-24
330.000	62	28.000	M	9230-80	470.000	200	4.800	V	73F474AF
330.000	65	9.500	CC	78F331J	470.000	240	3.400	V-HD	5300-33
330.000	85	20.000	SM	PM40-331K	470.000	590	1.150	HD	5800-471
330.000	103	13.900	V	70F334AI	470.000	1240	0.380	HD	5900-471
330.000	105	9.100	M	9220-04	500.000	91	18.000	V	70F504AI
330.000	110	6.400	M	9250-334	500.000	93	11.600	M	9220-14
330.000	130	19.000	M	100135	500.000	2000	0.260	V-HD	5256
330.000	136	12.000	M	9110-100	500.000	2000	0.378	V-HD	5607
330.000	137	6.000	CC	77F331J	500.000	3700	0.129	V-HD	5616
330.000	142	9.960	V	72F334AP	500.000	4000	0.150	V-HD	5717
330.000	160	17.000	M	100148	500.000	5000	0.090	V-HD	5622
330.000	165	12.000	M	100237	500.000	6500	0.085	V-HD	5628
330.000	185	7.800	M	9350-20	510.000	92	11.600	M	9220-15
330.000	190	14.000	M	100262	510.000	109	18.800	M	9110-110
330.000	250	3.800	V	73F334AF	550.000	160	13.000	V	4649
330.000	290	2.400	V-HD	5300-31	560.000	35	46.000	M	9130-86
330.000	700	0.655	HD	5800-331	560.000	48	46.000	CC	8230-86
330.000	1510	0.212	HD	5900-331	560.000	48	46.000	M	9230-86
350.000	102	14.400	V	70F354AI	560.000	50	30.000	SM	PM40-561K
360.000	102	9.600	M	9220-06	560.000	51	13.000	CC	78F561J
360.000	134	12.500	M	9110-102	560.000	88	19.200	V	70F564AI
370.000	10000	0.180	V-HD	7827	560.000	90	10.500	M	9250-564
370.000	10000	0.180	V-HD	D-7827	560.000	91	12.300	M	9220-16
390.000	40	35.000	M	9130-82	560.000	100	32.000	M	100138

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
560.000	107	19.500	M	9110-112	900.000	3750	0.175	V-HD	5722
560.000	120	8.500	CC	77F561J	910.000	79	24.000	V	70F914A1
560.000	123	13.200	V	72F564AP	910.000	79	15.800	M	9220-26
560.000	130	28.000	M	100151	910.000	84	31.500	M	9110-122
560.000	145	16.000	M	100240	1000.000	28	72.000	M	9130-92
560.000	165	18.500	M	100265	1000.000	30	50.000	SM	PM40-102K
560.000	180	10.000	M	9350-26	1000.000	38	72.000	CC	8230-92
560.000	200	5.300	V	73F564AF	1000.000	38	72.000	M	9230-92
560.000	210	4.700	V-HD	5300-34	1000.000	41	26.000	CC	78F102J
560.000	540	1.270	HD	5800-561	1000.000	70	17.500	M	9250-105
560.000	1170	0.420	HD	5900-561	1000.000	78	16.500	M	9220-28
570.000	5000	0.340	V-HD	7826	1000.000	79	24.000	V	70F103A1
570.000	5000	0.340	V-HD	D-7826	1000.000	82	33.000	M	9110-124
600.000	2000	0.840	V-HD	7825	1000.000	100	14.000	CC	77F102J
600.000	2000	0.840	V-HD	D-7825	1000.000	100	45.000	M	100154
620.000	88	13.000	M	9220-18	1000.000	102	19.100	V	72F103AP
620.000	93	25.900	M	9110-114	1000.000	110	27.000	M	100141
620.000	160	15.000	V	4650	1000.000	125	21.000	M	100243
680.000	30	60.000	M	9130-88	1000.000	145	24.000	M	100268
680.000	42	60.000	CC	8230-88	1000.000	145	14.500	M	9350-32
680.000	42	60.000	M	9230-88	1000.000	150	7.500	V	73F103AF
680.000	45	18.000	CC	78F681J	1000.000	160	19.000	V	4652
680.000	50	40.000	SM	PM40-681K	1000.000	160	8.600	V	4662
680.000	80	11.800	M	9250-684	1000.000	160	7.900	V-HD	5300-37
680.000	87	19.800	V	70F684A1	1000.000	400	2.300	HD	5800-102
680.000	88	13.000	M	9220-20	1000.000	870	0.844	HD	5900-102
680.000	91	27.200	M	9110-116	1000.000	1000	0.550	V-HD	5258
680.000	113	9.400	CC	77F681J	1000.000	1300	0.801	V-HD	5608
680.000	117	14.600	V	72F684AP	1000.000	1500	0.980	V-HD	5710
680.000	120	33.000	M	100152	1000.000	2500	0.279	V-HD	5617
680.000	130	19.000	M	100139	1000.000	3500	0.195	V-HD	5623
680.000	140	17.000	M	100241	1000.000	4400	0.183	V-HD	5629
680.000	155	20.000	M	100266	1100.000	78	21.000	M	9220-30
680.000	170	11.200	M	9350-28	1100.000	2500	0.330	V-HD	5718
680.000	180	6.400	V-HD	5300-35	1200.000	60	22.100	M	9250-125
680.000	200	6.000	V	73F684AF	1200.000	66	33.600	V	70F123A1
680.000	490	1.610	HD	5800-681	1200.000	76	22.000	M	9220-32
680.000	1050	0.548	HD	5900-681	1200.000	120	31.000	M	100155
700.000	2250	0.420	V-HD	5713	1200.000	137	27.000	M	100269
750.000	80	22.900	V	70F754A1	1200.000	150	7.800	V	73F123AF
750.000	83	14.400	M	9220-22	1200.000	150	9.000	V-HD	5300-38
750.000	88	28.600	M	9110-118	1200.000	350	2.650	HD	5800-122
750.000	160	16.000	V	4651	1200.000	790	1.040	HD	5900-122
750.000	10000	0.360	V-HD	7871	1200.000	5000	0.670	V-HD	7870
800.000	1750	0.640	V-HD	5709	1250.000	1750	0.850	V-HD	5714
820.000	29	65.000	M	9130-90	1300.000	75	23.000	M	9220-34
820.000	30	45.000	SM	PM40-821K	1500.000	55	26.500	M	9250-155
820.000	40	65.000	CC	8230-90	1500.000	63	37.200	V	70F153A1
820.000	40	65.000	M	9230-90	1500.000	72	25.000	M	9220-36
820.000	43	23.000	CC	78F821J	1500.000	110	37.000	M	100156
820.000	80	22.900	V	70F824A1	1500.000	127	22.000	M	9350-34
820.000	80	13.000	M	9250-824	1500.000	130	29.000	M	100270
820.000	81	15.100	M	9220-24	1500.000	130	12.000	V-HD	5300-39
820.000	86	30.000	M	9110-120	1500.000	150	8.800	V	73F153AF
820.000	105	10.500	CC	77F821J	1500.000	160	11.000	V	4664
820.000	110	39.000	M	100153	1500.000	330	3.450	HD	5800-152
820.000	111	16.100	V	72F824AP	1500.000	700	1.180	HD	5900-152
820.000	120	23.000	M	100140	1600.000	70	26.000	M	9220-38
820.000	132	19.000	M	100242	1600.000	1500	1.270	V-HD	5715
820.000	150	22.000	M	100267	1800.000	50	29.900	M	9250-185
820.000	155	13.000	M	9350-30	1800.000	59	42.000	V	70F183A1
820.000	170	7.100	V-HD	5300-36	1800.000	68	28.000	M	9220-40
820.000	200	6.800	V	73F824AF	1800.000	100	44.000	M	100157
820.000	440	1.960	HD	5800-821	1800.000	120	14.000	V-HD	5300-40
820.000	970	0.655	HD	5900-821	1800.000	125	32.000	M	100271

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
1800.000	150	11.000	V	73F183AF	4700.000	95	53.000	M	100276
1800.000	290	4.030	HD	5800-182	4700.000	100	21.500	V	73F473AF
1800.000	640	1.560	HD	5900-182	4700.000	180	10.500	HD	5800-472
1800.000	2500	0.550	V-HD	5723	4700.000	390	3.190	HD	5900-472
2000.000	67	29.000	M	9220-42	5000.000	57	50.000	M	9220-62
2000.000	125	26.000	M	9350-36	5000.000	78	65.000	M	9350-40
2200.000	50	33.800	M	9250-225	5000.000	160	14.000	V	6304
2200.000	57	45.600	V	70F223AI	5000.000	1500	1.080	V-HD	5625
2200.000	66	30.000	M	9220-44	5000.000	2200	0.714	V-HD	5631
2200.000	90	52.000	M	100158	5100.000	73	66.000	M	9350-41
2200.000	100	19.000	V-HD	5300-41	5500.000	160	25.000	V	4669
2200.000	115	27.000	M	9350-37	5600.000	28	98.900	M	9250-565
2200.000	120	35.000	M	100272	5600.000	46	69.600	V	70F563AI
2200.000	150	12.000	V	73F223AF	5600.000	56	53.000	M	9220-64
2200.000	270	4.480	HD	5800-222	5600.000	63	50.000	V-HD	5300-46
2200.000	580	2.000	HD	5900-222	5600.000	65	105.000	M	100163
2250.000	1750	0.920	V-HD	5719	5600.000	80	25.000	V	73F563AF
2400.000	64	31.000	M	9220-46	5600.000	90	60.000	M	100277
2400.000	160	15.000	V	4666	5600.000	166	13.900	HD	5800-562
2500.000	57	45.600	V	70F253AI	5600.000	359	3.920	HD	5900-562
2500.000	115	30.000	M	9350-38	6200.000	54	56.000	M	9220-66
2500.000	160	9.000	V	6302	6200.000	100	37.000	V	4670
2500.000	850	2.040	V-HD	5609	6800.000	27	111.000	M	9250-685
2500.000	1600	0.690	V-HD	5618	6800.000	43	78.000	V	70F683AI
2500.000	2200	0.499	V-HD	5624	6800.000	52	59.000	M	9220-68
2500.000	2800	0.464	V-HD	5630	6800.000	59	58.000	V-HD	5300-47
2700.000	40	47.300	M	9250-275	6800.000	60	140.000	M	100164
2700.000	57	45.600	V	70F273AI	6800.000	80	29.000	V	73F683AF
2700.000	62	33.000	M	9220-48	6800.000	85	67.000	M	100278
2700.000	85	61.000	M	100159	6800.000	151	16.300	HD	5800-682
2700.000	90	25.000	V-HD	5300-42	6800.000	322	5.690	HD	5900-682
2700.000	105	32.000	M	9350-39	7500.000	41	85.200	V	70F753AI
2700.000	112	40.000	M	100273	7500.000	51	62.000	M	9220-70
2700.000	125	13.500	V	73F273AF	8000.000	1000	3.340	V-HD	5725
2700.000	240	5.900	HD	5800-272	8200.000	26	119.000	M	9250-825
2700.000	530	2.060	HD	5900-272	8200.000	40	92.400	V	70F823AI
3000.000	61	35.000	M	9220-50	8200.000	50	65.000	M	9220-72
3300.000	40	53.000	M	9250-335	8200.000	54	68.000	V-HD	5300-48
3300.000	53	51.600	V	70F333AI	8200.000	55	160.000	M	100165
3300.000	58	38.000	M	9220-52	8200.000	80	30.000	V	73F823AF
3300.000	80	71.000	M	100160	8200.000	82	75.000	M	100279
3300.000	83	29.000	V-HD	5300-43	8200.000	100	46.000	V	4671
3300.000	105	45.000	M	100274	8200.000	136	20.800	HD	5800-822
3300.000	125	15.100	V	73F333AF	8200.000	293	6.320	HD	5900-822
3300.000	220	6.560	HD	5800-332	9100.000	39	98.400	V	70F913AI
3300.000	470	2.530	HD	5900-332	9100.000	49	68.000	M	9220-74
3600.000	57	40.000	M	9220-54	10000.000	24	137.000	M	9250-106
3900.000	35	73.800	M	9250-395	10000.000	38	101.000	V	70F102AI
3900.000	51	57.600	V	70F393AI	10000.000	47	72.000	M	9220-76
3900.000	61	44.000	M	9220-56	10000.000	52	75.000	V-HD	5300-49
3900.000	75	82.000	M	100161	10000.000	71	70.000	M	9350-44
3900.000	77	34.000	V-HD	5300-44	10000.000	80	80.000	M	100280
3900.000	100	49.000	M	100275	10000.000	100	31.000	V	6306
3900.000	125	18.000	V	73F393AF	10000.000	100	50.000	V	4672
3900.000	160	20.000	V	4668	10000.000	125	26.400	HD	5800-103
3900.000	200	8.630	HD	5800-392	10000.000	266	7.300	HD	5900-103
3900.000	430	2.750	HD	5900-392	10000.000	1500	1.550	V-HD	5632
4000.000	1750	1.160	V-HD	5724	12000.000	23	143.000	M	9250-126
4300.000	59	46.000	M	9220-58	12000.000	50	100.000	V	70F122AI
4500.000	1250	2.640	V-HD	5720	12000.000	114	29.900	HD	5800-123
4700.000	31	81.600	M	9250-475	12000.000	241	9.210	HD	5900-123
4700.000	48	64.800	V	70F473AI	15000.000	22	157.000	M	9250-156
4700.000	58	48.000	M	9220-60	15000.000	47	113.000	V	70F152AI
4700.000	70	93.000	M	100162	15000.000	98	42.500	HD	5800-153
4700.000	74	37.000	V-HD	5300-45	15000.000	214	10.500	HD	5900-153

Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number	Inductance Micro Henries	Current Milliamps Maximum	Resistance Ohms Maximum	Coil Type	Part Number
18000.000	21	175.000	M	9250-186	56000.000	36	189.000	V	70F562AF
18000.000	44	128.000	V	70F182AI	56000.000	112	40.900	HD	5900-563
18000.000	91	48.300	HD	5800-183	68000.000	12	580.000	M	9250-686
18000.000	198	14.800	HD	5900-183	68000.000	34	215.000	V	70F682AF
22000.000	17	274.000	M	9250-226	68000.000	101	57.300	HD	5900-683
22000.000	41	144.000	V	70F222AI	75000.000	33	222.000	V	70F752AF
22000.000	180	21.800	HD	5900-223	82000.000	11	618.000	M	9250-826
25000.000	46	115.000	V	70F252AF	82000.000	32	238.000	V	70F822AF
25000.000	65	82.000	V	6308	82000.000	90	79.300	HD	5900-823
27000.000	16	308.000	M	9250-276	91000.000	31	250.000	V	70F912AF
27000.000	45	120.000	V	70F272AF	100000.000	11	678.000	M	9250-107
27000.000	162	22.700	HD	5900-273	100000.000	29	278.000	V	70F101AF
33000.000	15	343.000	M	9250-336	100000.000	81	89.700	HD	5900-104
33000.000	43	134.000	V	70F332AF	120000.000	48	288.000	V	70F121AF
33000.000	146	25.700	HD	5900-333	150000.000	44	328.000	V	70F151AF
39000.000	15	376.000	M	9250-396	180000.000	41	374.000	V	70F181AF
39000.000	41	147.000	V	70F392AF	220000.000	39	424.000	V	70F221AF
39000.000	135	31.800	HD	5900-393	250000.000	37	468.000	V	70F251AF
47000.000	13	473.000	M	9250-476	270000.000	36	490.000	V	70F271AF
47000.000	38	168.000	V	70F472AF	330000.000	34	540.000	V	70F331AF
47000.000	122	36.100	HD	5900-473	390000.000	34	617.000	V	70F391AF
50000.000	37	175.000	V	70F502AF	470000.000	30	704.000	V	70F471AF
50000.000	65	127.000	V	6310	500000.000	30	736.000	V	70F501AF
56000.000	13	512.000	M	9250-566					

## IF YOU DON'T SEE WHAT YOU ARE LOOKING FOR

In addition to the extensive listing of inductors and transformers shown in this catalog, we also manufacture thousands of custom magnetic components for hundreds of customers.

We will be more than happy to do the same for your company.

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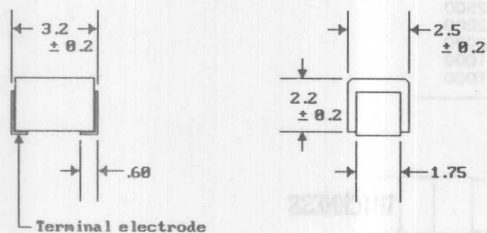
Phone 310-515-1720

FAX 310-515-1962

### PM20 SERIES

MILLER NUMBER	L ± 20% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> MAX. Ohms	I <sub>dc</sub> Max. mA
PM20-R010M	0.010	15	100	2500	0.13	450
PM20-R012M	0.012	17	100	2300	0.14	450
PM20-R015M	0.015	19	100	2100	0.16	450
PM20-R018M	0.018	21	100	1900	0.18	450
PM20-R022M	0.022	23	100	1700	0.20	450
PM20-R027M	0.027	23	100	1500	0.22	450
PM20-R033M	0.033	25	100	1400	0.24	450
PM20-R039M	0.039	25	100	1300	0.27	450
PM20-R047M	0.047	26	100	1200	0.30	450
PM20-R056M	0.056	26	100	1100	0.33	450
PM20-R068M	0.068	27	100	1000	0.36	450
PM20-R082M	0.082	27	100	900	0.40	450
PM20-R10M	0.10	28	100	700	0.44	450
PM20-R12M	0.12	28	25.2	500	0.22	450
PM20-R15M	0.15	28	25.2	450	0.25	450
PM20-R18M	0.18	28	25.2	400	0.28	450
PM20-R22M	0.22	28	25.2	350	0.32	450
PM20-R27M	0.27	28	25.2	320	0.36	450
PM20-R33M	0.33	28	25.2	300	0.40	450
PM20-R39M	0.39	28	25.2	250	0.45	450
PM20-R47M	0.47	28	25.2	220	0.50	450
PM20-R56M	0.56	28	25.2	180	0.55	450
PM20-R68M	0.68	28	25.2	160	0.60	450
PM20-R82M	0.82	28	25.2	140	0.65	450
L ± 10% μH						
PM20-1R0K	1.0	28	7.96	120	0.70	400
PM20-1R2K	1.2	28	7.96	100	0.75	390
PM20-1R5K	1.5	28	7.96	85	0.85	370
PM20-1R8K	1.8	28	7.96	80	0.90	350
PM20-2R2K	2.2	30	7.96	75	1.0	320
PM20-2R7K	2.7	30	7.96	70	1.1	290
PM20-3R3K	3.3	30	7.96	60	1.2	260
PM20-3R9K	3.9	30	7.96	55	1.3	250
PM20-4R7K	4.7	30	7.96	50	1.7	220
PM20-5R6K	5.6	30	7.96	47	1.8	200
PM20-6R8K	6.8	30	7.96	43	2.0	180
PM20-8R2K	8.2	30	7.96	40	2.3	170
PM20-100K	10	30	2.52	36	2.5	150
PM20-120K	12	30	2.52	33	2.8	140
PM20-150K	15	30	2.52	30	3.2	130
PM20-180K	18	30	2.52	27	3.6	120
PM20-220K	22	30	2.52	25	4.0	110
PM20-270K	27	30	2.52	20	5.0	80
PM20-330K	33	30	2.52	17	5.6	70
PM20-390K	39	30	2.52	16	6.4	65
PM20-470K	47	30	2.52	15	7.0	60
PM20-560K	56	30	2.52	13	8.0	55
PM20-680K	68	30	2.52	12	9.0	50
PM20-820K	82	30	2.52	11	10	45
PM20-101K	100	20	0.796	10	10	40
PM20-121K	120	20	0.796	10	11	70
PM20-151K	150	20	0.796	8	15	65
PM20-181K	180	20	0.796	7	17	60
PM20-221K	220	20	0.796	7	21	50

PM20 Dimensions



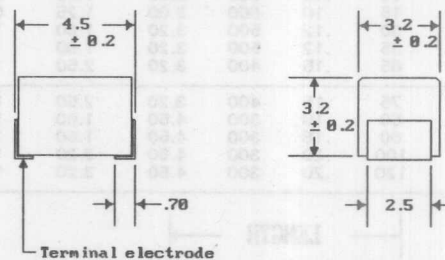
Dimensions are in mm

PM20 Packaged 2000/reel [Minimum order 1 reel]

### PM40 SERIES

MILLER NUMBER	L ± 20% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> MAX. Ohms	I <sub>dc</sub> Max. mA
PM40-R-10M	0.10	28	25.2	700	0.44	450
PM40-R-12M	0.12	30	25.2	500	0.22	450
PM40-R-15M	0.15	30	25.2	450	0.25	450
PM40-R-18M	0.18	30	25.2	400	0.28	450
PM40-R-22M	0.22	30	25.2	350	0.32	450
PM40-R-27M	0.27	30	25.2	320	0.36	450
PM40-R-33M	0.33	30	25.2	300	0.40	450
PM40-R-39M	0.39	30	25.2	350	0.45	450
PM40-R-47M	0.47	30	25.2	220	0.50	450
PM40-R-56M	0.56	30	25.2	180	0.55	450
PM40-R-68M	0.68	30	25.2	160	0.60	450
PM40-R-82M	0.82	30	25.2	140	0.67	450
L ± 10% μH						
PM40-1R0K	1.0	50	7.96	100	0.50	450
PM40-1R2K	1.2	50	7.96	80	0.55	430
PM40-1R5K	1.5	50	7.96	70	0.60	410
PM40-1R8K	1.8	50	7.96	60	0.65	390
PM40-2R2K	2.2	50	7.96	55	0.70	380
PM40-2R7K	2.7	50	7.96	50	0.75	370
PM40-3R3K	3.3	50	7.96	45	0.80	355
PM40-3R9K	3.9	50	7.96	40	0.90	330
PM40-4R7K	4.7	50	7.96	35	1.0	315
PM40-5R6K	5.6	50	7.96	33	1.1	300
PM40-6R8K	6.8	50	7.96	27	1.2	285
PM40-8R2K	8.2	50	7.96	25	1.4	270
PM40-100K	10	50	2.52	20	1.6	250
PM40-120K	12	50	2.52	18	2.0	225
PM40-150K	15	50	2.52	17	2.5	200
PM40-180K	18	50	2.52	15	2.8	190
PM40-220K	22	50	2.52	13	3.2	180
PM40-270K	27	50	2.52	12	3.6	170
PM40-330K	33	50	2.52	11	4.0	160
PM40-390K	39	50	2.52	10	4.5	150
PM40-470K	47	50	2.52	10	5.0	140
PM40-560K	56	50	2.52	9.0	5.5	135
PM40-680K	68	50	2.52	9.0	6.0	130
PM40-820K	82	50	2.52	8.0	7.0	120
PM40-101K	100	40	0.796	7.0	8.0	110
PM40-121K	120	40	0.796	6.0	8.0	110
PM40-151K	150	40	0.796	5.0	9.0	105
PM40-181K	180	40	0.796	5.0	9.5	102
PM40-221K	220	40	0.796	4.0	10	100
PM40-271K	270	30	0.796	3.0	18	92
PM40-331K	330	30	0.796	3.0	20	85
PM40-391K	390	30	0.796	3.0	23	80
PM40-471K	470	30	0.796	3.0	26	62
PM40-561K	560	30	0.796	2.0	30	50
PM40-681K	680	30	0.796	2.0	40	50
PM40-821K	820	30	0.796	2.0	45	30
PM40-102K	1000	30	0.796	2.0	50	30

PM40 Dimensions

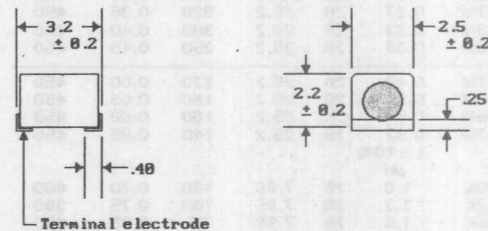


Dimensions are in mm

PM40 Packaged 500/reel [Minimum order 1 reel]

### PM20S SERIES

MILLER NUMBER	L $\pm 20\%$ $\mu$ H	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA
PM20S-R10M	.10	30	25.2	750	0.35	500
PM20S-R12M	.12	30	25.2	600	0.18	500
PM20S-R15M	.15	35	25.2	500	0.19	500
PM20S-R18M	.18	35	25.2	500	0.20	500
PM20S-R22M	.22	35	25.2	450	0.22	500
PM20S-R27M	.27	35	25.2	400	0.25	500
PM20S-R33M	.33	35	25.2	400	0.28	500
PM20S-R39M	.39	35	25.2	350	0.32	500
PM20S-R47M	.47	35	25.2	350	0.35	500
PM20S-R56M	.56	35	25.2	300	0.37	500
PM20S-R68M	.68	35	25.2	300	0.42	500
PM20S-R82M	.82	35	25.2	250	0.45	500
L $\pm 10\%$ $\mu$ H						
PM20S-1R0K	1.0	35	7.96	220	0.50	500
PM20S-1R2K	1.2	35	7.96	180	0.50	500
PM20S-1R5K	1.5	35	7.96	170	0.55	500
PM20S-1R8K	1.8	35	7.96	150	0.60	500
PM20S-2R2K	2.2	35	7.96	145	0.70	500
PM20S-2R7K	2.7	35	7.96	100	0.72	500
PM20S-3R3K	3.3	35	7.96	100	0.80	500
PM20S-3R9K	3.9	35	7.96	90	0.85	500
PM20S-4R7K	4.7	35	7.96	80	0.95	500
PM20S-5R6K	5.6	35	7.96	60	1.10	500
PM20S-6R8K	6.8	35	7.96	60	1.25	500
PM20S-8R2K	8.2	35	7.96	60	1.35	500
PM20S-100K	10	35	2.52	45	1.45	450
PM20S-120K	12	35	2.52	45	1.70	450
PM20S-150K	15	35	2.52	40	2.0	450
PM20S-180K	18	35	2.52	32	3.0	280
PM20S-220K	22	35	2.52	30	3.2	250
PM20S-270K	27	35	2.52	28	3.5	220
PM20S-330K	33	35	2.52	20	4.0	200
PM20S-390K	39	35	2.52	20	4.5	200
PM20S-470K	47	35	2.52	15	7.0	160
PM20S-560K	56	35	2.52	14	8.0	150
PM20S-680K	68	35	2.52	12	9.0	140
PM20S-820K	82	35	2.52	10	10	100
PM20S-101K	100	30	.796	10	10	100
PM20S-121K	120	30	.796	10	11	100
PM20S-151K	150	30	.796	9	15	90
PM20S-181K	180	30	.796	8	17	90
PM20S-221K	220	30	.796	6	21	90



Dimensions are in mm

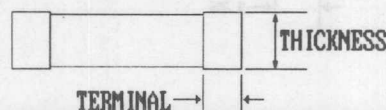
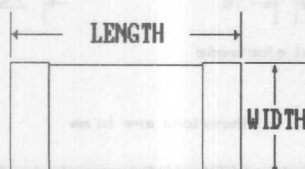
PM20S Packaged 2000/reel (Minimum order 1 reel)

### CHIP BEADS

MILLER NUMBER	Z @ 100 MHz Ohms	R,dc Max. Ohms	I,dc Max. mA	LENGTH $\pm .2$ mm	WIDTH $\pm .2$ mm	THICK. $\pm .2$ mm	TERM. $\pm .2$ mm	REEL SIZE
PMB0805-1	10	.10	600	2.00	1.25	0.90	0.30	4000
PMB0805-2	15	.10	600	2.00	1.25	0.90	0.30	4000
PMB1206-1	30	.12	500	3.20	1.60	1.10	0.30	3000
PMB1206-2	35	.12	500	3.20	1.60	1.10	0.30	3000
PMB1210-1	65	.15	400	3.20	2.50	1.30	0.30	2500
PMB1210-2	75	.15	400	3.20	2.50	1.30	0.30	2500
PMB1806-1	50	.18	300	4.50	1.60	1.60	0.30	2000
PMB1806-2	60	.18	300	4.50	1.60	1.60	0.30	2000
PMB1812-1	100	.20	300	4.50	3.20	1.50	0.30	1000
PMB1812-2	120	.20	300	4.50	3.20	1.50	0.30	1000

### MATERIAL CHARACTERISTICS

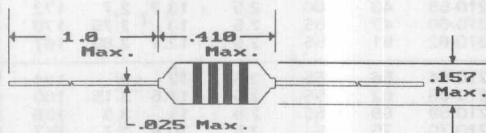
Properties	-1 Mat.	-2 Mat.
Initial Permeability	180	400
Saturation flux density @ 10 Oersteds	2950	2500
Curie temperature	170°C	125°C
Volume resistivity in Ohms/Cm	10 <sup>7</sup>	10 <sup>7</sup>



### 77F SERIES

MILLER NUMBER	L ± 10% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> MAX. Ohms	I <sub>dc</sub> Max. mA
77F1R0K	1.0	45	25	157	0.17	920
77F1R2K	1.2	50	7.9	144	0.21	880
77F1R5K	1.5	50	7.9	131	0.23	830
77F1R8K	1.8	55	7.9	121	0.25	790
77F2R2K	2.2	55	7.9	110	0.28	750
77F2R7K	2.7	60	7.9	100	0.30	720
77F3R3K	3.3	65	7.9	94	0.34	670
77F3R9K	3.9	65	7.9	86	0.37	640
77F4R7K	4.7	70	7.9	80	0.39	620
77F5R6K	5.6	70	7.9	74	0.43	590
77F6R8K	6.8	75	7.9	68	0.48	550
77F8R2K	8.2	80	7.9	53	0.52	530
77F100K	10	85	7.9	45	0.58	500
77F120K	12	75	2.5	34	0.63	480
77F150K	15	70	2.5	20	0.72	460
77F180K	18	65	2.5	14	0.77	430
77F220K	22	60	2.5	9.9	0.84	410
77F270K	27	55	2.5	7.6	0.94	390
77F330J	33	55	2.5	6.3	1.03	370
77F390J	39	50	2.5	6.3	1.12	350
77F470J	47	45	2.5	6.3	1.22	340
77F560J	56	40	2.5	6.2	1.34	320
77F680J	68	40	2.5	5.7	1.47	305
77F820J	82	35	2.5	5.3	1.62	290
77F101J	100	30	2.5	4.8	1.80	275
77F121J	120	70	0.79	3.8	3.70	185
77F151J	150	70	0.79	3.5	4.20	175
77F181J	180	70	0.79	3.3	4.60	165
77F221J	220	70	0.79	3.0	5.10	155
77F271J	270	65	0.79	2.8	5.80	145
77F331J	330	65	0.79	2.6	6.40	137
77F391J	390	65	0.79	2.4	7.00	133
77F471J	470	60	0.79	2.25	7.70	126
77F561J	560	60	0.79	2.1	8.50	120
77F681J	680	55	0.79	1.95	9.40	113
77F821J	820	55	0.79	1.85	10.5	105
77F102J	1000	50	0.79	1.40	14.0	100

77F Dimensions



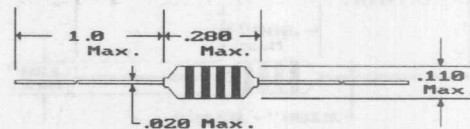
#### NOTES:

1. Operating Temperature -20°C to +105°C.
2. Working voltage 250 VDC maximum.
3. Terminal pull 5 lbs. per EIA RS 186C, Method 208.
4. Solderability per MIL STD-202, Method 208.
5. Humidity per EIA RS 186, Method 2.
6. Core Material is Ferrite, Leads tinned copper, Coating is epoxy.

### 78F SERIES

MILLER NUMBER	L ± 20% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> MAX. Ohms	I <sub>dc</sub> Max. mA
78FR10M	0.10	40	25	400	0.06	500
78FR12M	0.12	40	25	400	0.06	500
78FR15M	0.15	40	25	400	0.07	500
78FR18M	0.18	40	25	400	0.08	450
78FR22K	0.22	40	25	380	0.08	1025
78FR27K	0.27	40	25	360	0.08	950
78FR33K	0.33	40	25	350	0.08	815
78FR39K	0.39	40	25	320	0.09	700
78FR47K	0.47	40	25	300	0.10	650
78FR56K	0.56	40	25	280	0.11	545
78FR68K	0.68	40	25	250	0.12	495
78FR82K	0.82	40	25	200	0.12	415
78F1R0K	1.0	40	25	180	0.15	385
78F1R2K	1.2	40	7.9	165	0.18	590
78F1R5K	1.5	45	7.9	150	0.20	535
78F1R8K	1.8	50	7.9	125	0.25	455
78F2R2K	2.2	50	7.9	110	0.28	395
78F2R7K	2.7	50	7.9	95	0.30	355
78F3R3J	3.3	50	7.9	70	0.34	270
78F3R9J	3.9	45	7.9	65	0.32	250
78F4R7J	4.7	45	7.9	50	0.35	230
78F5R6J	5.6	45	7.9	40	0.40	185
78F6R8J	6.8	40	7.9	30	0.45	175
78F8R2J	8.2	40	7.9	28	0.55	155
78F100J	10	40	7.9	22	0.72	130
78F120J	12	45	2.5	20	0.80	155
78F150J	15	50	2.5	16	0.88	150
78F180J	18	50	2.5	15	1.00	145
78F220J	22	50	2.5	13	1.20	140
78F270J	27	50	2.5	11	1.35	135
78F330J	33	50	2.5	10	1.50	193
78F390J	39	50	2.5	9.5	1.70	185
78F470J	47	60	2.5	8.5	2.30	167
78F560J	56	60	2.5	7.5	2.60	150
78F680J	68	60	2.5	6.5	2.90	137
78F820J	82	60	2.5	6.0	3.20	132
78F101J	100	60	2.5	5.5	3.50	125
78F121J	120	60	0.79	5.4	3.80	100
78F151J	150	60	0.79	4.7	4.40	90
78F181J	180	60	0.79	4.3	5.00	84
78F221J	220	60	0.79	4.0	5.70	76
78F271J	270	60	0.79	3.7	6.50	70
78F331J	330	60	0.79	3.4	9.50	65
78F391J	390	60	0.79	2.8	10.5	60
78F471J	470	60	0.79	2.5	11.6	53
78F561J	560	60	0.79	2.3	13.0	51
78F681J	680	60	0.79	2.0	18.0	45
78F821J	820	60	0.79	1.5	23.0	43
78F102J	1000	60	0.79	1.2	26.0	41

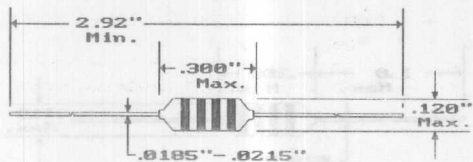
78F Dimensions



## 8230 SERIES

MILLER NUMBER	L $\mu$ H $\pm 10\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
8230-94	.1	40	25	690	.07	1100	Phenolic
8230-96	.12	40	25	650	.08	1100	Phenolic
8230-00	.15	38	25	600	.1	1100	Phenolic
8230-02	.18	35	25	550	.12	1010	Phenolic
8230-04	.22	33	25	510	.14	935	Phenolic
8230-06	.27	33	25	430	.16	875	Phenolic
8230-08	.33	30	25	410	.2	780	Phenolic
8230-10	.39	30	25	380	.3	640	Phenolic
8230-12	.47	30	25	340	.35	590	Phenolic
8230-14	.56	30	25	300	.5	495	Phenolic
8230-16	.68	28	25	275	.6	450	Phenolic
8230-18	.82	28	25	250	.85	380	Phenolic
8230-20	1	25	25	230	1	350	Phenolic
8230-22	1.2	25	7.9	150	.18	825	Iron
8230-24	1.5	28	7.9	140	.22	745	Iron
8230-26	1.8	30	7.9	125	.3	640	Iron
8230-28	2.2	30	7.9	115	.4	550	Iron
8230-30	2.7	37	7.9	100	.5	495	Iron
8230-32	3.3	45	7.9	90	.85	380	Iron
8230-34	3.9	45	7.9	82	1	350	Iron
8230-36	4.7	45	7.9	75	1.2	320	Iron
8230-38	5.6	50	7.9	68	1.8	260	Iron
8230-40	6.8	50	7.9	60	2	245	Iron
8230-42	8.2	55	7.9	55	2.7	210	Iron
8230-44	10	55	7.9	50	3.7	180	Iron
8230-46	12	45	2.5	40	2.7	210	Iron
8230-48	15	45	2.5	35	2.8	205	Iron
8230-50	18	50	2.5	32	3.1	195	Iron
8230-52	22	50	2.5	25	3.3	190	Iron
8230-54	27	50	2.5	22	3.5	185	Iron
8230-56	33	45	2.5	24	3.4	187	Ferrite
8230-58	39	45	2.5	22	3.6	180	Ferrite
8230-60	47	45	2.5	20	4.5	165	Ferrite
8230-62	56	45	2.5	18	5.7	145	Ferrite
8230-64	68	50	2.5	15	6.7	135	Ferrite
8230-66	82	50	2.5	14	7.3	130	Ferrite
8230-68	100	50	2.5	13	8	125	Ferrite
8230-70	120	30	.79	12	13	97	Ferrite
8230-72	150	30	.79	11	15	85	Ferrite
8230-74	180	30	.79	10	17	79	Ferrite
8230-76	220	30	.79	9	21	73	Ferrite
8230-78	270	30	.79	8	25	65	Ferrite
8230-80	330	30	.79	7	28	62	Ferrite
8230-82	390	30	.79	6.5	35	55	Ferrite
8230-84	470	30	.79	6	42	50	Ferrite
8230-86	560	30	.79	5	46	48	Ferrite
8230-88	680	30	.79	4.2	60	42	Ferrite
8230-90	820	30	.79	3.8	65	40	Ferrite
8230-92	1000	30	.79	3.4	72	38	Ferrite

8230 Dimensions



## CONFORMAL COATED R F CHOKES

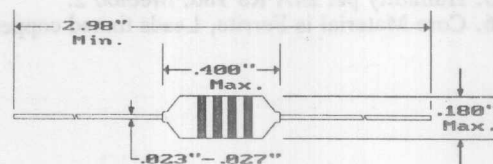
## 8310 SERIES

MILLER NUMBER	L $\mu$ H $\pm 20\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
8310-00	.15	50	25	525	.03	2450	Phenolic
8310-02	.22	50	25	450	.055	1900	Phenolic
8310-04	.33	45	25	360	.09	1400	Phenolic
8310-06	.47	45	25	310	.12	1225	Phenolic
8310-07	.56	50	25	280	.135	1220	Phenolic
8310-08	.68	50	25	250	.15	1100	Phenolic
8310-10	.82	50	25	220	.22	900	Phenolic
8310-12	1	50	25	200	.29	830	Phenolic
8310-14	1.2	33	7.9	180	.42	650	Phenolic
8310-16	1.5	33	7.9	160	.5	600	Phenolic
8310-18	1.8	33	7.9	150	.65	525	Phenolic
8310-20	2.2	33	7.9	135	.95	435	Phenolic
8310-22	2.7	33	7.9	120	1.2	385	Phenolic
8310-24	3.3	33	7.9	110	2	300	Phenolic
8310-26	3.9	33	7.9	100	2.3	280	Phenolic
8310-28	4.7	33	7.9	90	2.6	260	Phenolic
8310-30	5.6	45	7.9	60	.32	750	Iron
8310-32	6.8	50	7.9	55	.5	600	Iron
8310-34	8.2	50	7.9	50	.6	545	Iron
8310-36	10	55	7.9	45	.9	445	Iron
8310-38	12	65	2.5	42	1.1	404	Iron
8310-40	15	65	2.5	40	1.4	370	Iron
8310-42	18	75	2.5	34	2.25	280	Iron
8310-44	22	75	2.5	30	2.5	265	Iron
8310-46	24	60	2.5	26	2.5	265	Iron
8310-48	27	60	2.5	25	2.6	260	Iron
8310-50	30	65	2.5	19	2.8	255	Iron
8310-52	33	65	2.5	19	3	250	Iron

## 8210 SERIES

MILLER NUMBER	L $\mu$ H $\pm 5\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
8210-54	36	60	2.5	15.5	2.5	180	Iron
8210-56	39	60	2.5	14.5	2.6	176	Iron
8210-58	43	60	2.5	13.7	2.7	172	Iron
8210-60	47	55	2.5	13	2.75	170	Iron
8210-62	51	55	2.5	12.7	2.85	167	Iron
8210-64	56	55	2.5	12	3	164	Iron
8210-66	62	55	2.5	11.5	3.15	160	Iron
8210-68	68	55	2.5	11	3.3	156	Iron
8210-70	75	55	2.5	10.5	3.7	147	Iron
8210-72	82	50	2.5	10.3	3.9	143	Iron
8210-74	91	50	2.5	10	4.3	136	Iron
8210-76	100	50	2.5	9.5	4.5	133	Iron
8210-78	110	60	.79	8.9	4.9	128	Iron
8210-80	120	65	.79	8.7	5.2	124	Iron
8210-82	130	65	.79	8.5	5.45	121	Iron
8210-84	150	65	.79	8	6.05	114	Iron
8210-86	160	65	.79	7.5	6.4	111	Iron
8210-88	180	65	.79	7	6.75	108	Iron
8210-90	200	65	.79	6.5	7.1	106	Iron
8210-92	220	65	.79	6.2	7.45	103	Iron
8210-94	240	65	.79	5.9	7.8	101	Iron

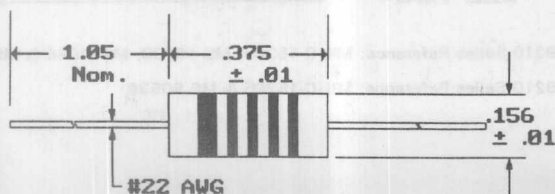
8210 & 8310 Dimensions



### 9110 SERIES

MILLER NUMBER	L $\pm 20\%$ $\mu$ H	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA
9110-00	0.15	50	25	525	0.03	2740
9110-02	0.22	50	25	450	0.055	2020
9110-04	0.33	45	25	360	0.09	1580
9110-06	0.47	45	25	310	0.12	1370
L $\pm 10\%$ $\mu$ H						
9110-07	0.56	50	25	280	0.135	1290
9110-08	0.68	50	25	250	0.15	1220
9110-10	0.82	50	25	220	0.22	1020
9110-12	1.0	50	25	200	0.29	880
9110-14	1.2	33	7.9	180	0.42	730
9110-16	1.5	33	7.9	160	0.50	670
9110-18	1.8	33	7.9	150	0.65	590
9110-20	2.2	33	7.9	135	0.95	485
9110-22	2.7	33	7.9	120	1.20	430
9110-24	3.3	33	7.9	110	2.00	335
9110-26	3.9	33	7.9	100	2.30	310
9110-28	4.7	33	7.9	90	2.60	294
9110-30	5.6	45	7.9	60	0.32	565
9110-32	6.8	50	7.9	55	0.50	450
9110-34	8.2	50	7.9	50	0.60	410
9110-36	10	55	7.9	45	0.90	335
9110-38	12	65	2.5	42	1.1	305
9110-40	15	65	2.5	40	1.4	271
9110-42	18	75	2.5	34	2.25	213
9110-44	22	75	2.5	30	2.5	202
9110-46	24	60	2.5	26	2.5	202
9110-48	27	60	2.5	25	2.6	198
9110-50	30	65	2.5	21	2.8	191
9110-52	33	65	2.5	19	3.0	185
L $\pm 5\%$ $\mu$ H						
9110-54	36	60	2.5	15.5	2.5	202
9110-56	39	60	2.5	14.5	2.6	198
9110-58	43	60	2.5	13.7	2.7	194
9110-60	47	55	2.5	13	2.8	193
9110-62	51	55	2.5	12.7	2.85	189
9110-64	56	55	2.5	12	3.0	184
9110-66	62	55	2.5	11.5	3.15	180
9110-68	68	55	2.5	11	3.3	176
9110-70	75	55	2.5	10.5	3.7	166
9110-72	82	50	2.5	10.3	3.9	162
9110-74	91	50	2.5	10	4.3	154
9110-76	100	50	2.5	9.5	4.5	151
9110-78	110	60	0.79	8.9	4.9	144
9110-80	120	65	0.79	8.7	5.2	140
9110-82	130	65	0.79	8.5	5.45	137
9110-84	150	65	0.79	8	6.05	130
9110-86	160	65	0.79	7.5	6.4	126
9110-88	180	65	0.79	8	6.75	130
9110-90	200	65	0.79	6.5	7.1	123
9110-92	220	65	0.79	6.2	7.45	117
9110-94	240	65	0.79	5.9	7.8	115
9110-96	270	65	0.79	5.7	11.0	143
9110-98	300	65	0.79	5.4	11.5	140
9110-100	330	65	0.79	5.1	12.0	136
9110-102	360	65	0.79	4.8	12.5	134
9110-104	390	65	0.79	4.5	16.3	117
9110-106	430	65	0.79	4.2	17.1	115
9110-108	470	65	0.79	3.9	17.9	112
9110-110	510	65	0.79	3.7	18.8	109
9110-112	560	65	0.79	3.8	19.5	107
9110-114	620	65	0.79	3.3	25.9	93
9110-116	680	65	0.79	3.1	27.2	91
9110-118	750	65	0.79	2.9	28.6	88
9110-120	820	65	0.79	2.7	30.0	86
9110-122	910	65	0.79	2.5	31.5	84
9110-124	1000	65	0.79	2.3	33.0	82

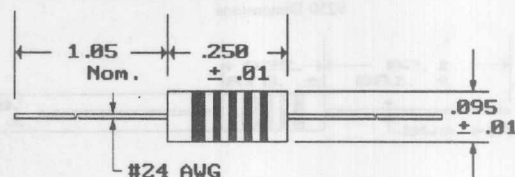
9110 Dimensions



### 9130 SERIES

MILLER NUMBER	L $\pm 10\%$ $\mu$ H	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA
9130-94	0.10	40	25	680	0.08	1100
9130-96	0.12	40	25	640	0.09	1100
9130-00	0.15	38	25	600	0.10	1100
9130-02	0.18	35	25	550	0.12	1010
9130-04	0.22	33	25	510	0.14	935
9130-06	0.27	33	25	430	0.16	875
9130-08	0.33	30	25	410	0.22	780
9130-10	0.39	30	25	365	0.30	640
9130-12	0.47	30	25	330	0.35	590
9130-14	0.56	30	25	300	0.50	495
9130-16	0.68	28	25	275	0.60	450
9130-18	0.82	28	25	250	0.85	380
9130-20	1.0	25	25	230	1.00	350
9130-22	1.2	25	7.9	150	0.18	825
9130-24	1.5	28	7.9	140	0.22	745
9130-26	1.8	30	7.9	125	0.30	640
9130-28	2.2	30	7.9	115	0.40	550
9130-30	2.7	37	7.9	100	0.55	495
9130-32	3.3	45	7.9	90	0.85	380
9130-34	3.9	45	7.9	80	1.0	350
9130-36	4.7	45	7.9	75	1.2	320
9130-38	5.6	50	7.9	65	1.8	260
9130-40	6.8	50	7.9	60	2.0	245
9130-42	8.2	55	7.9	55	2.7	210
9130-44	10	55	7.9	50	3.7	180
9130-46	12	45	2.5	40	2.7	210
9130-48	15	40	2.5	35	2.8	205
9130-50	18	50	2.5	30	3.1	195
9130-52	22	50	2.5	25	3.3	190
9130-54	27	50	2.5	20	3.5	185
9130-56	33	45	2.5	24	3.4	187
9130-58	39	45	2.5	22	3.6	180
9130-60	47	45	2.5	20	4.5	165
9130-62	56	45	2.5	18	5.7	145
9130-64	68	50	2.5	15	6.7	135
9130-66	82	50	2.5	14	7.3	130
9130-68	100	50	2.5	13	8.0	125
9130-70	120	30	0.79	12	13	97
9130-72	150	30	0.79	11	15	85
9130-74	180	30	0.79	10	17	79
9130-76	220	30	0.79	9	21	73
9130-78	270	30	0.79	8	25	65
9130-80	330	30	0.79	7	28	62
9130-82	390	30	0.79	6.5	35	55
9130-84	470	30	0.79	6	42	50
9130-86	560	30	0.79	5	46	48
9130-88	680	30	0.79	4	60	42
9130-90	820	30	0.79	3.8	65	40
9130-92	1000	30	0.79	3.4	72	38

9130 Dimensions



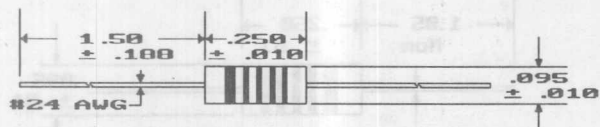
#### NOTES:

1. Operating temperature -55°C to +125°C on phenolic parts.
2. Operating temperature -55°C to +105°C on ferrite parts.
3. Core material 9110-00 thru -28 is phenolic.  
Core material 9130-94 thru -20 is phenolic.  
all other cores are ferrite.
4. Dielectric strength 1000 volts RMS at sea level.
5. Rated current is based on coil temperature rise not to exceed 35°C at 90°C ambient temperature.
6. Terminal strength 5 lb pull test per MIL-STD-202E, Method 211A.
7. Marking 5 band color code per MIL-C-15305.

### 9230 SERIES

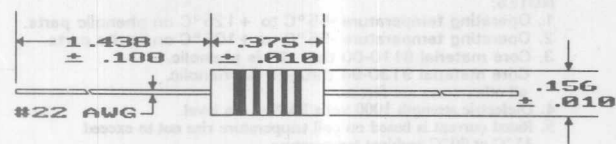
Miller Number	L $\mu$ H $\pm 10\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
9230-94	.1	40	25	690	.07	1100	Phenolic
9230-96	.12	40	25	650	.08	1100	Phenolic
9230-00	.15	38	25	600	.1	1100	Phenolic
9230-02	.18	35	25	550	.12	1010	Phenolic
9230-04	.22	33	25	510	.14	935	Phenolic
9230-06	.27	33	25	430	.16	875	Phenolic
9230-08	.33	30	25	410	.2	780	Phenolic
9230-10	.39	30	25	380	.3	640	Phenolic
9230-12	.47	30	25	340	.35	590	Phenolic
9230-14	.56	30	25	300	.5	495	Phenolic
9230-16	.68	28	25	275	.6	450	Phenolic
9230-18	.82	28	25	250	.85	380	Phenolic
9230-20	1	25	25	230	1	350	Phenolic
9230-22	1.2	25	7.9	150	.18	825	Iron
9230-24	1.5	28	7.9	140	.22	745	Iron
9230-26	1.8	30	7.9	125	.3	640	Iron
9230-28	2.2	30	7.9	115	.4	550	Iron
9230-30	2.7	37	7.9	100	.5	495	Iron
9230-32	3.3	45	7.9	90	.85	380	Iron
9230-34	3.9	45	7.9	82	1	350	Iron
9230-36	4.7	45	7.9	75	1.2	320	Iron
9230-38	5.6	50	7.9	68	1.8	260	Iron
9230-40	6.8	50	7.9	60	2	245	Iron
9230-42	8.2	55	7.9	55	2.7	210	Iron
9230-44	10	55	7.9	50	3.7	180	Iron
9230-46	12	45	2.5	40	2.7	210	Iron
9230-48	15	45	2.5	35	2.8	205	Iron
9230-50	18	50	2.5	32	3.1	195	Iron
9230-52	22	50	2.5	25	3.3	190	Iron
9230-54	27	50	2.5	22	3.5	185	Iron
9230-56	33	45	2.5	24	3.4	187	Ferrite
9230-58	39	45	2.5	22	3.6	180	Ferrite
9230-60	47	45	2.5	20	4.5	165	Ferrite
9230-62	56	45	2.5	18	5.7	145	Ferrite
9230-64	68	50	2.5	15	6.7	135	Ferrite
9230-66	82	50	2.5	14	7.3	130	Ferrite
9230-68	100	50	2.5	13	8	125	Ferrite
9230-70	120	30	.79	12	13	97	Ferrite
9230-72	150	30	.79	11	15	85	Ferrite
9230-74	180	30	.79	10	17	79	Ferrite
9230-76	220	30	.79	9	21	73	Ferrite
9230-78	270	30	.79	8	25	65	Ferrite
9230-80	330	30	.79	7	28	62	Ferrite
9230-82	390	30	.79	6.5	35	55	Ferrite
9230-84	470	30	.79	6	42	50	Ferrite
9230-86	560	30	.79	5	46	48	Ferrite
9230-88	680	30	.79	4.2	60	42	Ferrite
9230-90	820	30	.79	3.8	65	40	Ferrite
9230-92	1000	30	.79	3.4	72	38	Ferrite

9230 Dimensions



Reference: MIL-C-15305, MS 75083, MS 75084 & MS 75085

9310 Dimensions



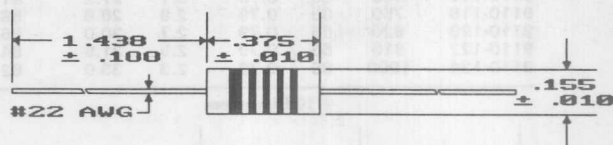
### 9310 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 20\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
9310-00	18130-1	.15	50	25	525	.03	2450	Phenolic
9310-02	18130-2	.22	50	25	450	.055	1900	Phenolic
9310-04	18130-3	.33	45	25	360	.09	1400	Phenolic
9310-06	18130-4	.47	45	25	310	.12	1225	Phenolic
9310-07	18130-5	.56	50	25	280	.135	1220	Phenolic
9310-08	18130-6	.68	50	25	250	.15	1100	Phenolic
9310-10	18130-7	.82	50	25	220	.22	900	Phenolic
9310-12	18130-8	1	50	25	200	.29	830	Phenolic
9310-14	18130-9	1.2	33	7.9	180	.42	650	Phenolic
9310-16	18130-10	1.5	33	7.9	160	.5	600	Phenolic
9310-18	18130-11	1.8	33	7.9	150	.65	525	Phenolic
9310-20	18130-12	2.2	33	7.9	135	.95	435	Phenolic
9310-22	18130-13	2.7	33	7.9	120	1.2	385	Phenolic
9310-24	18130-14	3.3	33	7.9	110	2	300	Phenolic
9310-26	18130-15	3.9	33	7.9	100	2.3	280	Phenolic
9310-28	18130-16	4.7	33	7.9	90	2.6	260	Phenolic
9310-30	18130-17	5.6	45	7.9	60	.32	750	Iron
9310-32	18130-18	6.8	50	7.9	55	.5	600	Iron
9310-34	18130-19	8.2	50	7.9	50	.6	545	Iron
9310-36	18130-20	10	55	7.9	45	.9	445	Iron
9310-38	18130-21	12	65	2.5	42	1.1	404	Iron
9310-40	18130-22	15	65	2.5	40	1.4	370	Iron
9310-42	18130-23	18	75	2.5	34	2.25	280	Iron
9310-44	18130-24	22	75	2.5	30	2.5	265	Iron
9310-46		24	60	2.5	26	2.5	265	Iron
9310-48	18130-25	27	60	2.5	25	2.6	260	Iron
9310-50		30	65	2.5	19	2.8	255	Iron
9310-52	18130-26	33	65	2.5	19	3	250	Iron

### 9210 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 5\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
9210-54	90538-01	36	60	2.5	15.5	2.5	180	Iron
9210-56	90538-02	39	60	2.5	14.5	2.6	176	Iron
9210-58	90538-03	43	60	2.5	13.7	2.7	172	Iron
9210-60	90538-04	47	55	2.5	13	2.75	170	Iron
9210-62	90538-05	51	55	2.5	12.7	2.85	167	Iron
9210-64	90538-06	56	55	2.5	12	3	164	Iron
9210-66	90538-07	62	55	2.5	11.5	3.15	160	Iron
9210-68	90538-08	68	55	2.5	11	3.3	156	Iron
9210-70	90538-09	75	55	2.5	10.5	3.7	147	Iron
9210-72	90538-10	82	50	2.5	10.3	3.9	143	Iron
9210-74	90538-11	91	50	2.5	10	4.3	136	Iron
9210-76	90538-12	100	50	2.5	9.5	4.5	133	Iron
9210-78	90538-13	110	60	.79	8.9	4.9	128	Iron
9210-80	90538-14	120	65	.79	8.7	5.2	124	Iron
9210-82	90538-15	130	65	.79	8.5	5.45	121	Iron
9210-84	90538-16	150	65	.79	8	6.05	114	Iron
9210-86	90538-17	160	65	.79	7.5	6.4	111	Iron
9210-88	90538-18	180	65	.79	7	6.75	108	Iron
9210-90	90538-19	200	65	.79	6.5	7.1	106	Iron
9210-92	90538-20	220	65	.79	6.2	7.45	103	Iron
9210-94	90538-21	240	65	.79	5.9	7.8	101	Iron

9210 Dimensions



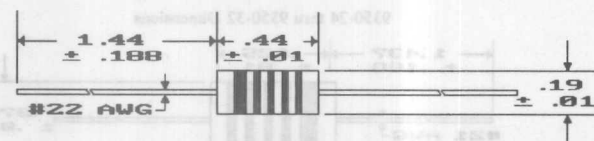
9310 Series Reference: MIL-C-15305, MS 18130, MS14046 & MS 16225

9210 Series Reference: MIL-C-15305 & MS 90538

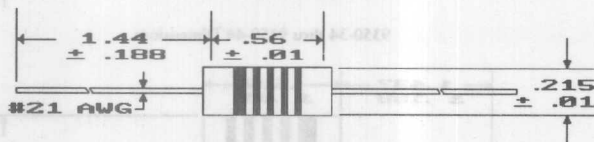
## 9220 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 5\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> Max. Ohms	I <sub>dc</sub> Max. mA	Core Material
9220-00	90539-01	270	65	.79	5.6	8.2	110	Iron
9220-02	90539-02	300	65	.79	5.3	8.7	107	Iron
9220-04	90539-03	330	65	.79	5	9.1	105	Iron
9220-06	90539-04	360	65	.79	4.7	9.6	102	Iron
9220-08	90539-05	390	65	.79	4.5	10	100	Iron
9220-10	90539-06	430	65	.79	4.3	10.6	97	Iron
9220-12	90539-07	470	65	.79	4	11.1	95	Iron
9220-14	90539-08	500	65	.79	3.8	11.6	93	Iron
9220-15	90539-08	510	65	.79	3.8	11.6	92	Iron
9220-16	90539-09	560	65	.79	3.6	12.3	91	Iron
9220-18	90539-10	620	60	.79	3.5	13	88	Iron
9220-20	90539-11	680	60	.79	3.4	13.7	85	Iron
9220-22	90539-12	750	60	.79	3.3	14.4	83	Iron
9220-24	90539-13	820	60	.79	3.1	15.1	81	Iron
9220-26	90539-14	910	60	.79	2.9	15.8	79	Iron
9220-28	90539-15	1,000	60	.79	2.8	16.5	78	Iron
9220-30	90540-01	1,100	60	.25	2.8	21	78	Iron
9220-32	90540-02	1,200	60	.25	2.7	22	76	Iron
9220-34	90540-03	1,300	60	.25	2.6	23	75	Iron
9220-36	90540-04	1,500	65	.25	2.4	25	72	Iron
9220-38	90540-05	1,600	65	.25	2.3	26	70	Iron
9220-40	90540-06	1,800	65	.25	2.2	28	68	Iron
9220-42	90540-07	2,000	65	.25	2.1	29	67	Iron
9220-44	90540-08	2,200	70	.25	2	30	66	Iron
9220-46	90540-09	2,400	70	.25	1.9	31	64	Iron
9220-48	90540-10	2,700	70	.25	1.8	33	62	Iron
9220-50	90540-11	3,000	70	.25	1.7	35	61	Iron
9220-52	90540-12	3,300	70	.25	1.6	38	58	Iron
9220-54	90540-13	3,600	70	.25	1.5	40	57	Iron
9220-56	90541-01	3,900	80	.25	1.45	44	61	Iron
9220-58	90541-02	4,300	80	.25	1.4	46	59	Iron
9220-60	90541-03	4,700	80	.25	1.35	48	58	Iron
9220-62	90541-04	5,000	80	.25	1.3	50	57	Iron
9220-64	90541-05	5,600	80	.25	1.25	53	56	Iron
9220-66	90541-06	6,200	80	.25	1.2	56	54	Iron
9220-68	90541-07	6,800	80	.25	1.15	59	52	Iron
9220-70	90541-08	7,500	80	.25	1.1	62	51	Iron
9220-72	90541-09	8,200	80	.25	1.05	65	50	Iron
9220-74	90541-10	9,100	80	.25	1	68	49	Iron
9220-76	90541-11	10,000	80	.25	.95	72	47	Iron

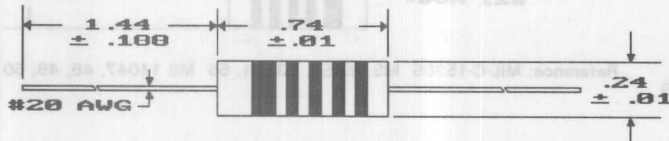
9220-00 thru 9220-28 Dimensions



9220-30 thru 9220-54 Dimensions



9220-56 thru 9220-76 Dimensions



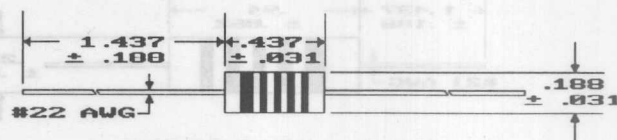
Reference: MIL-C-15305, MS 90539, MS 90540 & MS 90541

## MOLDED R F CHOKES

## 9320 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 20\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> Max. Ohms	I <sub>dc</sub> Max. mA	Core Material
9320-00	75008-21	.15	55	25	510	.03	3000	Phenolic
9320-02	75008-22	.22	50	25	415	.035	2800	Phenolic
9320-04	75008-23	.33	50	25	350	.065	2000	Phenolic
9320-06	75008-24	.47	50	25	300	.085	1700	Phenolic
9320-07	75008-25	.56	50	25	270	.125	1450	Phenolic
9320-08	75008-26	.68	45	25	250	.15	1300	Phenolic
9320-09	75008-27	.82	40	25	210	.205	1100	Phenolic
9320-10	75008-28	1	40	25	200	.29	930	Phenolic
9320-11	75008-29	1.2	30	7.9	180	.4	785	Phenolic
9320-12	75008-30	1.5	30	7.9	170	.485	700	Phenolic
9320-13	75008-31	1.8	30	7.9	150	.74	580	Phenolic
9320-14	75008-32	2.2	30	7.9	140	.97	505	Phenolic
9320-16	75008-33	2.7	30	7.9	120	1.2	460	Phenolic
9320-18	75008-34	3.3	30	7.9	70	.14	1350	Iron
9320-20	75008-35	3.9	30	7.9	65	.155	1250	Iron
9320-22	75008-36	4.7	30	7.9	60	.21	1100	Iron
9320-24	75008-37	5.6	30	7.9	50	.28	935	Iron
9320-26	75008-38	6.8	30	7.9	50	.375	810	Iron
9320-28	75008-39	8.2	30	7.9	48	.44	750	Iron
9320-30	75008-40	10	30	7.9	42	.605	640	Iron
9320-32	75008-41	12	50	2.5	36	1.05	490	Iron
9320-34	75008-42	15	55	2.5	30	1.2	460	Iron
9320-35	75008-43	18	60	2.5	30	1.95	360	Iron
9320-36	75008-44	22	60	2.5	24	2.2	335	Iron
9320-38	75008-45	27	65	2.5	22	2.75	300	Iron

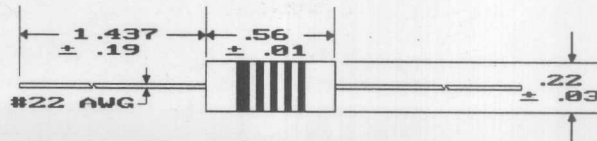
9320 Dimensions



## 9330 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 10\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> Max. Ohms	I <sub>dc</sub> Max. mA	Core Material
9330-00	90542-01	.47	65	25	300	.06	1970	Phenolic
9330-01	90542-02	.56	65	25	270	.08	1850	Phenolic
9330-02	90542-03	.68	65	25	240	.08	1700	Phenolic
9330-03	90542-04	.82	65	25	220	.11	1520	Phenolic
9330-04	90542-05	1	65	25	200	.14	1290	Phenolic
9330-05	90542-06	1.2	40	7.9	180	.19	1120	Phenolic
9330-06	90542-07	1.5	40	7.9	160	.28	925	Phenolic
9330-07	90542-08	1.8	40	7.9	150	.37	790	Phenolic
9330-08	90542-09	2.2	40	7.9	135	.5	680	Phenolic
9330-10	90542-10	2.7	40	7.9	120	.65	600	Phenolic
9330-12	90542-11	3.3	40	7.9	105	1	480	Phenolic
9330-14	90542-12	3.9	40	7.9	100	1.2	440	Phenolic
9330-16	90542-13	4.7	40	7.9	90	1.8	360	Phenolic
9330-18	90542-14	5.6	35	7.9	55	.13	1340	Iron
9330-20	90542-15	6.8	35	7.9	50	.2	1080	Iron
9330-22	90542-16	8.2	35	7.9	44	.22	1030	Iron
9330-24	90542-17	10	35	7.9	42	.26	950	Iron
9330-26	90542-18	12	45	2.5	34	.45	720	Iron
9330-28	90542-19	15	45	2.5	32	.52	670	Iron
9330-30	90542-20	18	50	2.5	28	.7	580	Iron
9330-32	90542-21	22	60	2.5	24	1	480	Iron
9330-34	90542-22	27	60	2.5	22	1.3	420	Iron
9330-36	90542-23	33	60	2.5	20	1.5	390	Iron
9330-38	90542-24	39	70	2.5	18	2	340	Iron

9330 Dimensions



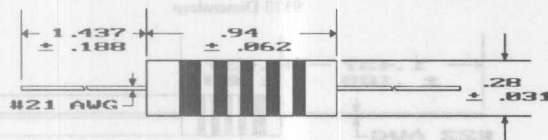
9320 Series Reference: MIL-C-15305, MS 16224, MS 75008 & MS 75101

9330 Series Reference: MIL-C-15305, MS 14052, MS 90542 & MS 16222

## 9340 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 10\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
9340-00	91189-14	1.2	60	7.9	170	.075	2400	Phenolic
9340-02	91189-15	1.5	60	7.9	160	.09	2150	Phenolic
9340-03	91189-16	1.8	60	7.9	140	.135	1750	Phenolic
9340-04	91189-17	2.2	60	7.9	125	.16	1600	Phenolic
9340-06	91189-18	2.7	60	7.9	115	.22	1350	Phenolic
9340-08	91189-19	3.3	60	7.9	100	.305	1150	Phenolic
9340-10	91189-20	3.9	60	7.9	95	.45	955	Phenolic
9340-12	91189-21	4.7	60	7.9	90	.56	860	Phenolic
9340-14	91189-22	5.6	60	7.9	80	.745	745	Phenolic
9340-16	91189-23	6.8	60	7.9	75	1.05	635	Phenolic
9340-18	91189-24	8.2	60	7.9	68	1.4	550	Phenolic
9340-20	91189-25	10	60	7.9	60	1.9	460	Phenolic
9340-22	91189-26	12	40	2.5	53	2.65	395	Phenolic
9340-24	91189-27	15	40	2.5	50	3.25	355	Phenolic
9340-26	91189-28	18	40	2.5	45	4.15	315	Phenolic
9340-28	91189-29	22	50	2.5	24	.295	1150	Iron
9340-30	91189-30	27	45	2.5	22	.35	1050	Iron
9340-32	91189-31	33	60	2.5	19	.55	865	Iron
9340-34	91189-32	39	55	2.5	18	.65	810	Iron
9340-36	91189-33	47	65	2.5	16	1	640	Iron
9340-38	91189-34	56	65	2.5	14	1.15	610	Iron
9340-39	91189-35	68	75	2.5	13	1.85	470	Iron
9340-40	91189-36	82	75	2.5	12	2.1	440	Iron
9340-42	91189-37	100	75	2.5	12	2.5	405	Iron
9340-44	91189-38	120	95	.79	10	4.1	315	Iron

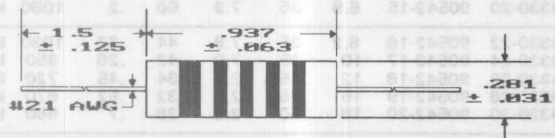
9340 Dimensions



## 9360 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 20\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
9360-01	91189-1	1.1	60	10	200	.09	2800	Phenolic
9360-02	91189-2	2.2	65	10	165	.2	1800	Phenolic
9360-03	91189-3	3.3	50	6	130	.32	1500	Phenolic
9360-04	91189-4	4.7	45	5	100	.6	1100	Phenolic
9360-05	91189-5	6.8	40	4	90	1.1	800	Phenolic
9360-06	91189-6	10	40	3.5	70	1.8	600	Phenolic
9360-07	91189-7	15	40	3	55	3	500	Phenolic
9360-08	91189-8	22	30	2.5	27	.3	1500	Iron
9360-09	91189-9	33	45	2	21	.6	1100	Iron
9360-10	91189-10	47	70	1.5	16	1.2	700	Iron
9360-11	91189-11	82	85	1.2	14	2.2	600	Iron
9360-12	91189-12	100	85	1	14	2.8	500	Iron
9360-13	91189-13	120	85	1	13	4	400	Iron

9360 Dimensions



9340 Series Reference: MIL-C-15305, MS 16221, MS 91189 & MS 75103

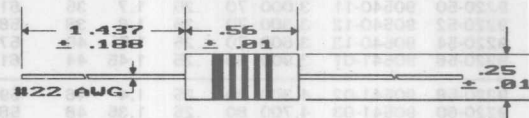
9360 Series Reference: MIL-C-15305 & MS 91189

## MOLDED R F CHOKES

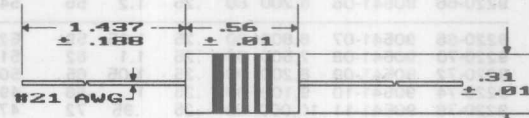
## 9350 SERIES

Miller Number	MS Type	L $\mu$ H $\pm 20\%$	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
9350-00	75052-1	47	18	2.5	13.5	5.9	195	Phenolic
9350-02	75052-2	56	18	2.5	13	6.4	185	Phenolic
9350-04	75052-3	68	70	2.5	13	3.3	255	Iron
9350-06	75052-4	82	65	2.5	11.7	3.5	245	Iron
9350-08	75052-5	100	65	2.5	10.7	3.8	235	Iron
9350-10	75052-6	120	75	.79	9.3	4.7	215	Iron
9350-12	75052-7	150	75	.79	8.3	5.3	200	Iron
9350-14	75053-1	180	80	.79	6	5.5	225	Iron
9350-16	75053-2	220	80	.79	5.5	5.9	220	Iron
9350-18	75053-3	270	80	.79	5.1	6.6	210	Iron
9350-20	75053-4	330	75	.79	4.2	7.8	185	Iron
9350-22	75053-5	390	75	.79	3.9	8.7	180	Iron
9350-24	75054-1	470	80	.79	3.7	9	190	Iron
9350-26	75054-2	560	80	.79	3.5	10	180	Iron
9350-28	75054-3	680	75	.79	3.2	11.2	170	Iron
9350-30	75054-4	820	75	.79	3	13	155	Iron
9350-32	75054-5	1000	70	.79	2.7	14.5	145	Iron
9350-34	75055-1	1500	85	.25	2.2	22	127	Iron
9350-36	75055-2	2000	85	.25	1.9	26	125	Iron
9350-37	75055-2	2200	85	.25	1.8	27	115	Iron
9350-38	75055-3	2500	85	.25	1.7	30	115	Iron
9350-39	75055-3	2700	85	.25	1.6	32	105	Iron
9350-40	75055-4	5000	70	.25	1.2	65	78	Iron
9350-41	75055-4	5100	70	.25	1	66	73	Iron
9350-44	75055-5	10000	70	.25	.8	70	71	Ferrite

9350-00 thru 9350-12 Dimensions



9350-14 thru 9350-22 Dimensions



9350-24 thru 9350-32 Dimensions



9350-34 thru 9350-44 Dimensions



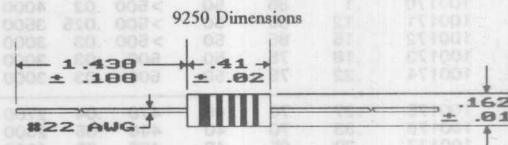
Reference: MIL-C-15305 MS 75052, 53, 54, 55 MS 14047, 48, 49, 50 MS

## 9250 SERIES

## SHIELDED MOLDED R F CHOKES

\*Current required to decrease inductance 5%

Miller Number	MS Type	L $\mu$ H $\pm$ 10%	Q Min.	Test Freq. MHz	Fo Min. MHz	R <sub>dc</sub> Max. Ohms	I <sub>dc</sub> Max. mA	Incr. * I <sub>dc</sub> Aprox. mA	Core Material
9250-101	75087-1	.1	50	25	250	.025	1790	1790	Phenolic
9250-121	75087-2	.12	51	25	250	.034	1530	1530	Phenolic
9250-151	75087-3	.15	51	25	250	.037	1470	1470	Phenolic
9250-181	75087-4	.18	50	25	250	.047	1300	1300	Phenolic
9250-221	75087-5	.22	49	25	250	.067	1100	1100	Phenolic
9250-271	75087-6	.27	47	25	250	.11	855	855	Phenolic
9250-331	75087-7	.33	46	25	250	.13	780	780	Phenolic
9250-391	75087-8	.39	44	25	250	.18	670	670	Phenolic
9250-471	75087-9	.47	44	25	235	.25	565	565	Phenolic
9250-561	75087-10	.56	43	25	210	.33	490	490	Phenolic
9250-681	75087-11	.68	42	25	190	.45	420	420	Phenolic
9250-821	75087-12	.82	40	25	180	.59	370	370	Phenolic
9250-102	75088-1	1	44	25	140	.07	1070	1070	Iron
9250-122	75088-2	1.2	44	7.9	130	.1	895	895	Iron
9250-152	75088-3	1.5	44	7.9	115	.12	815	815	Iron
9250-182	75088-4	1.8	44	7.9	105	.14	775	775	Iron
9250-222	75088-5	2.2	44	7.9	100	.19	650	650	Iron
9250-272	75088-6	2.7	44	7.9	92	.28	535	535	Iron
9250-332	75088-7	3.3	44	7.9	85	.35	480	480	Iron
9250-392	75088-8	3.9	44	7.9	75	.4	450	450	Iron
9250-472	75088-9	4.7	44	7.9	70	.55	380	380	Iron
9250-562	75088-10	5.6	44	7.9	65	.72	335	335	Iron
9250-682	75088-11	6.8	50	7.9	55	1.02	280	280	Iron
9250-822	75088-12	8.2	50	7.9	50	1.32	250	250	Iron
9250-103	75088-13	10	50	7.9	46	1.62	220	220	Iron
9250-123	75088-14	12	55	2.5	44	2	200	200	Iron
9250-153	75089-1	15	45	2.5	49	.8	315	250	Ferrite
9250-183	75089-2	18	45	2.5	45	.89	300	235	Ferrite
9250-223	75089-3	22	45	2.5	41	.96	290	220	Ferrite
9250-273	75089-4	27	45	2.5	38	1.19	260	200	Ferrite
9250-333	75089-5	33	45	2.5	34	1.37	240	190	Ferrite
9250-393	75089-6	39	50	2.5	29	1.93	205	180	Ferrite
9250-473	75089-7	47	50	2.5	27	2.11	195	175	Ferrite
9250-563	75089-8	56	50	2.5	25	2.23	190	160	Ferrite
9250-683	75089-9	68	50	2.5	21	2.7	170	150	Ferrite
9250-823	75089-10	82	50	2.5	10.5	2.44	180	140	Ferrite
9250-104	75089-11	100	50	2.5	10	3.12	160	120	Ferrite
9250-124	75089-12	120	55	.79	9.7	3.6	150	95	Ferrite
9250-154	75089-13	150	55	.79	8.5	4.1	140	90	Ferrite
9250-184	75089-14	180	55	.79	8	4.4	135	85	Ferrite
9250-224	75089-15	220	55	.79	7.5	5	125	80	Ferrite
9250-274	75089-16	270	55	.79	7	5.8	115	70	Ferrite
9250-334	75089-17	330	55	.79	6.5	6.4	110	65	Ferrite
9250-394	75089-18	390	60	.79	6.2	7.4	105	60	Ferrite
9250-474	75089-19	470	60	.79	5.7	9.5	92	58	Ferrite
9250-564	75089-20	560	60	.79	4.7	10.5	90	55	Ferrite
9250-684	75089-21	680	60	.79	4.5	11.8	80	50	Ferrite
9250-824	75089-22	820	60	.79	4.2	13	80	45	Ferrite
9250-105	75089-23	1,000	60	.79	3.8	17.5	70	40	Ferrite
9250-125	75089-24	1,200	45	.25	1.5	22.1	60	35	Ferrite
9250-155	75089-25	1,500	45	.25	1.2	26.5	55	33	Ferrite
9250-185	75089-26	1,800	45	.25	1	29.9	50	30	Ferrite
9250-225	75089-27	2,200	45	.25	.97	33.8	50	27	Ferrite
9250-275	75089-28	2,700	45	.25	.92	47.3	40	25	Ferrite
9250-335	75089-29	3,300	45	.25	.84	53	40	22	Ferrite
9250-395	75089-30	3,900	45	.25	.8	73.8	35	20	Ferrite
9250-475	75089-31	4,700	45	.25	.74	81.6	31	19	Ferrite
9250-565	75089-32	5,600	44	.25	.73	98.9	28	17	Ferrite
9250-685	75089-33	6,800	40	.25	.66	111	27	16	Ferrite
9250-825	75089-34	8,200	40	.25	.54	119	26	15	Ferrite
9250-106	75089-35	10,000	40	.25	.47	137	24	14	Ferrite
9250-126	75089-36	12,000	30	.079	.33	143	23	13	Ferrite
9250-156	75089-37	15,000	30	.079	.29	157	22	12	Ferrite
9250-186	75089-38	18,000	30	.079	.28	175	21	10	Ferrite
9250-226	75089-39	22,000	27	.079	.25	274	17	9	Ferrite
9250-276	75089-40	27,000	27	.079	.21	308	16	8	Ferrite
9250-336	75089-41	33,000	27	.079	.19	343	15	7.5	Ferrite
9250-396	75089-42	39,000	27	.079	.17	376	15	6	Ferrite
9250-476	75089-43	47,000	23	.079	.16	473	13	5.5	Ferrite
9250-566	75089-44	56,000	23	.079	.14	512	13	5	Ferrite
9250-686	75089-45	68,000	23	.079	.13	580	12	4	Ferrite
9250-826	75089-46	82,000	21	.079	.12	618	11	3.5	Ferrite
9250-107	75089-47	100,000	18	.079	.11	678	11	3	Ferrite



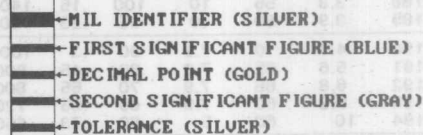
Electromagnetic Shielding

Reference: MIL-C-15305, MS 75087, MS 75088, MS 75089 & MS 90537

Color Coding for Molded Chokes per MIL-C-15305

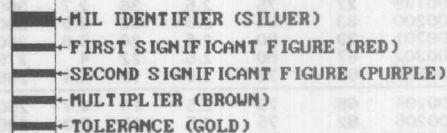
EXAMPLE "A" FOR L VALUES LESS THAN 10  $\mu$ H.

6.8 MICROHENRIES  $\pm$  10 PERCENT



EXAMPLE "B" FOR L VALUES 10  $\mu$ H OR GREATER.

270 MICROHENRIES  $\pm$  5 PERCENT



For cylindrical choke coils. Cylindrical choke coils shall be marked with five colored bands. A silver band MIL identifier of double the width of the other four bands, located near one end of the coil, identifies military radio frequency coils; four other bands of equal width, three indicating the inductance in microhenries and the fourth band indicating the tolerance in percent. Color coding shall be in accordance with the color code of table. When either the first or second band of the three bands is gold, this band shall represent the decimal point for inductance values less than 10, and the other two bands shall represent significant figures. For inductance values of 10 or more, the first two bands shall represent significant figures, and the third band shall represent the multiplier. For small units, dots may be used instead of bands, when specified. The diameter of the MIL-identifier dot shall be larger than the other dots. Typical color coding examples are shown above.

Applicable to Series: 9210, 9220, 9230, 9250, 9310, 9320, 9330, 9340, 9350 & 9360

### COLOR CODE TABLE

Color	Significant Figure	(1) Multiplier	Inductance Tolerance (Percent)
BLACK	0	1	
BROWN	1	10	
RED	2	100	
ORANGE	3	1,000	
YELLOW	4		
GREEN	5		
BLUE	6		
VIOLET	7		
GRAY	8		
WHITE	9		
NONE (2)			$\pm$ 20
SILVER			$\pm$ 10
GOLD			$\pm$ 5

(1) The multiplier is the factor by which the two significant figures are multiplied to yield the nominal inductance value.  
(2) Indicates body color.

### S SERIES

MILLER NUMBER	L $\mu$ H $\pm$ 10%	Q Min.	Q Test Freq. MHz	Fo * MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100170	.1	85	50	>500	.02	4000	Phenolic
100171	.12	85	50	>500	.025	3500	Phenolic
100172	.15	85	50	>500	.03	3000	Phenolic
100173	.18	75	50	500	.03	3000	Phenolic
100174	.22	75	50	500	.03	3000	Phenolic
L $\mu$ H $\pm$ 5%							
100175	.27	70	45	470	.04	2700	Phenolic
100176	.33	70	40	440	.05	2500	Phenolic
100177	.39	65	40	400	.08	2000	Phenolic
100178	.47	60	25	360	.08	2000	Phenolic
100179	.56	55	25	330	.1	1700	Phenolic
100180	.68	55	25	300	.12	1500	Phenolic
100181	.82	50	25	275	.18	1300	Phenolic
100182	1	50	20	250	.24	1100	Phenolic
100183	1.2	45	20	220	.35	1000	Phenolic
100184	1.5	45	15	200	.43	850	Phenolic
100185	1.8	45	15	180	.65	720	Phenolic
100186	2.2	45	15	165	.8	610	Phenolic
100187	2.7	55	10	110	.12	1600	Iron
100188	3.3	55	10	100	.15	1400	Iron
100189	3.9	60	10	95	.23	1200	Iron
100190	4.7	70	7.9	90	.3	1000	Iron
100191	5.6	65	7.9	80	.45	900	Iron
100192	6.8	65	7.9	70	.55	800	Iron
100193	8.2	60	7.9	65	.65	720	Iron
100194	10	60	5	60	.73	600	Iron
100195	12	65	5	53	1.1	590	Iron
100196	15	80	2.5	47	1.4	500	Iron
100197	18	75	2.5	43	1.6	460	Iron
100198	22	75	2.5	40	1.8	430	Iron
L $\mu$ H $\pm$ 5%							
100199	27	75	2.5	36	2.7	360	Iron
100200	33	85	2.5	32	3.5	300	Iron
100201	39	80	2.5	26	3.8	290	Iron
100202	47	80	2.5	22	4	275	Iron
100203	56	75	2.5	19	4.4	265	Iron
100204	68	75	2.5	16	4.7	250	Iron
100205	82	75	2.5	13	5.3	235	Iron
100206	100	75	1.5	10	6	220	Iron

### L SERIES

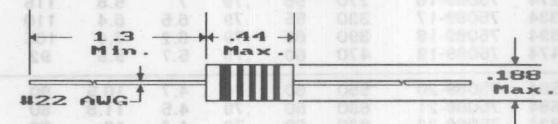
MILLER NUMBER	L $\mu$ H $\pm$ 10%	Q Min.	Q Test Freq. MHz	Fo * MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100244	10	75	5	50	.15	1800	Iron
100245	12	75	5	45	.23	1600	Iron
100246	15	75	5	40	.3	1300	Iron
100247	18	75	5	36	.4	1150	Iron
100248	22	75	2.5	32	.5	1000	Iron
L $\mu$ H $\pm$ 5%							
100249	27	70	2.5	30	.6	900	Iron
100250	33	70	2.5	28	.7	850	Iron
100251	39	70	2.5	26	1.1	720	Iron
100252	47	75	2.5	25	1.3	620	Iron
100253	56	80	2.5	22	1.8	540	Iron
100254	68	100	2.5	20	2.4	450	Iron
100255	82	100	2.5	18	2.8	425	Iron
100256	100	100	1.5	17	3.2	400	Iron
100257	120	100	1.5	15	4.8	360	Iron
100258	150	100	1	14	6.4	280	Iron
100259	180	95	1	12	9.5	240	Iron
100260	220	95	1	11	12	200	Iron
100261	270	70	1	9	13	195	Iron
100262	330	65	.79	7.5	14	190	Iron
100263	390	65	.79	6.5	15.5	180	Iron
100264	470	60	.79	5.5	17	170	Iron
100265	560	75	.5	4	18.5	165	Iron
100266	680	75	.5	3.2	20	155	Iron
100267	820	75	.5	2.8	22	150	Iron
100268	1,000	75	.5	2.4	24	145	Iron
100269	1,200	75	.5	2.1	27	137	Iron
100270	1,500	75	.4	1.9	29	130	Iron
100271	1,800	65	.4	1.7	32	125	Iron
100272	2,200	65	.25	1.5	35	120	Iron
100273	2,700	65	.25	1.3	40	112	Iron
100274	3,300	65	.25	1.2	45	105	Iron
100275	3,900	65	.25	1.05	49	100	Iron
100276	4,700	65	.25	.95	53	95	Iron
100277	5,600	65	.25	.85	60	90	Iron
100278	6,800	65	.25	.75	67	85	Iron
100279	8,200	65	.25	.65	75	82	Iron
100280	10,000	65	.15	.58	80	80	Iron

### M SERIES

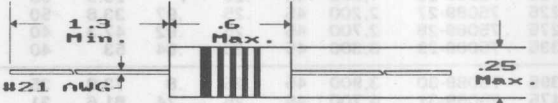
MILLER NUMBER	L $\mu$ H $\pm$ 10%	Q Min.	Q Test Freq. MHz	Fo * MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100207	1	100	15	170	.04	2700	Iron
100208	1.2	100	15	155	.04	2700	Iron
100209	1.5	100	10	140	.04	2700	Iron
100210	1.8	95	10	125	.05	2500	Iron
100211	2.2	95	10	110	.05	2500	Iron
100212	2.7	68	7.9	95	.05	2500	Iron
100213	3.3	60	7.9	90	.05	2500	Iron
100214	3.9	60	7.9	87	.07	2100	Iron
100215	4.7	60	7.9	75	.09	1800	Iron
100216	5.6	65	7.9	70	.14	1550	Iron
100217	6.8	70	7.9	65	.17	1300	Iron
100218	8.2	65	7.9	57	.25	1150	Iron
100219	10	65	5	50	.32	1000	Iron
100220	12	65	5	45	.47	870	Iron
100221	15	75	4	40	.62	730	Iron
100222	18	65	4	37	.72	660	Iron
100223	22	65	2.5	35	.8	600	Iron
L $\mu$ H $\pm$ 5%							
100224	27	65	2.5	31	1.2	520	Iron
100225	33	80	2.5	27	1.5	450	Iron
100226	39	80	2.5	25	2.3	380	Iron
100227	47	100	2.5	24	3	300	Iron
100228	56	100	2.5	22	4.2	270	Iron
100229	68	100	2.5	20	5.2	250	Iron
100230	82	100	2.5	18	6.2	220	Iron
100231	100	100	1.5	17	7	200	Iron
100232	120	95	1.5	14	7.5	200	Iron
100233	150	90	1	11	8	190	Iron
100234	180	85	1	9	9	185	Iron
100235	220	85	1	7	10	180	Iron
100236	270	80	1	5.5	11	172	Iron
100237	330	80	.8	4.5	12	165	Iron
100238	390	75	.8	4	13	157	Iron
100239	470	75	.8	3.5	14	150	Iron
100240	560	65	.8	3.1	16	145	Iron
100241	680	65	.8	2.7	17	140	Iron
100242	820	65	.8	2.5	19	132	Iron
100243	1,000	70	.5	2.3	21	125	Iron

\* Minimum Fo 80% of tabled value

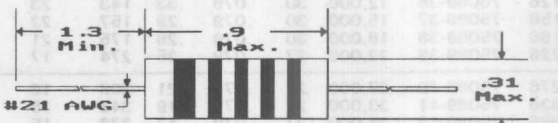
S Series Dimensions



M Series Dimensions



L Series Dimensions



### T1 SERIES

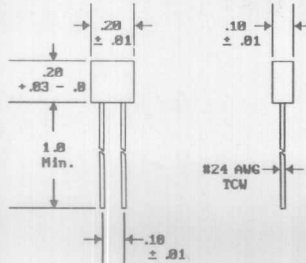
MILLER NUMBER	L $\mu$ H $\pm 20\%$	Q Min.	Test Freq. MHz	Fo. Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100066	.01	60	150	1000	.02	3000	Iron
100067	.012	60	150	1000	.02	3000	Iron
100068	.015	60	150	1000	.02	3000	Iron
100069	.018	60	150	1000	.02	3000	Iron
100070	.022	60	100	900	.02	3000	Iron
<hr/>							
100071	.027	60	100	800	.02	3000	Iron
100072	.033	60	100	750	.02	3000	Iron
100073	.039	60	100	700	.02	3000	Iron
100074	.047	60	100	650	.02	3000	Iron
100075	.056	60	100	600	.02	3000	Iron
<hr/>							
100076	.068	60	100	550	.03	2500	Iron
100077	.082	60	100	500	.04	2200	Iron
<hr/>							
L $\mu$ H $\pm 10\%$							
100078	.1	80	50	450	.04	2200	Iron
100079	.12	80	50	400	.05	2000	Iron
100080	.15	80	50	350	.06	1800	Iron
100081	.18	80	50	320	.07	1600	Iron
100082	.22	80	50	300	.08	1500	Iron
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100083	.27	80	50	280	.1	1400	Iron
100084	.33	80	50	260	.12	1300	Iron
100085	.39	80	50	240	.15	1150	Iron
100086	.47	80	50	220	.2	1000	Iron
100087	.56	70	50	200	.25	900	Iron
<hr/>							
100088	.68	70	50	180	.3	800	Iron
100089	.82	70	50	160	.35	750	Iron
100090	1	70	50	150	.4	700	Iron

T1 series inductance is measured on Boonton 190-A Q-Meter with  $\frac{1}{4}$ " leads. Residual Q-Meter inductance (.0026  $\mu$ H) should be subtracted from the value calculated from C and f readings.

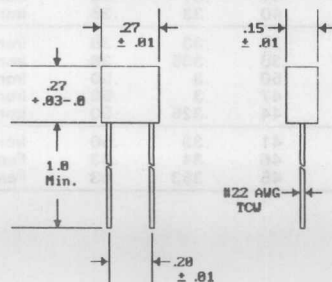
### T2 SERIES

MILLER NUMBER	L $\mu$ H $\pm 10\%$	Q Min.	Test Freq. MHz	Fo. Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100092	.1	55	25	450	.04	2200	Iron
100093	.12	60	25	400	.05	2000	Iron
100094	.15	60	25	350	.06	1800	Iron
100095	.18	60	25	320	.07	1600	Iron
100096	.22	65	25	300	.08	1500	Iron
<hr/>							
100097	.27	65	25	280	.1	1400	Iron
100098	.33	65	25	260	.11	1300	Iron
100099	.39	65	25	240	.14	1200	Iron
100100	.47	65	25	220	.17	1100	Iron
100101	.56	70	25	200	.22	1000	Iron
<hr/>							
100102	.68	70	25	180	.27	900	Iron
100103	.82	70	25	160	.3	800	Iron
<hr/>							
L $\mu$ H $\pm 5\%$							
100104	1	70	25	150	.35	750	Iron
100105	1.2	60	7.9	130	.4	700	Iron
100106	1.5	60	7.9	120	.5	630	Iron
100107	1.8	60	7.9	110	.7	530	Iron
100108	2.2	60	7.9	100	.9	470	Iron
<hr/>							
100109	2.7	60	7.9	90	1.1	420	Iron
100110	3.3	60	7.9	70	1.3	390	Iron
100111	3.9	60	7.9	60	1.5	360	Iron
100112	4.7	60	7.9	50	1.8	330	Iron
100113	5.6	60	7.9	45	2	310	Iron
<hr/>							
100114	6.8	60	7.9	40	2.2	300	Iron
100115	8.2	60	7.9	37	2.4	290	Iron
100116	10	60	7.9	35	2.6	280	Iron

T1 and T2 Series Dimensions



T3 Series Dimensions



### T3 SERIES

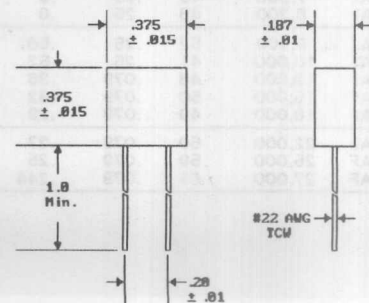
MILLER NUMBER	L $\mu$ H $\pm 5\%$	Q Min.	Test Freq. MHz	Fo. Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100117	10	75	2.5	35	1.1	550	Iron
100118	12	75	2.5	31	1.3	500	Iron
100119	15	75	2.5	27	1.5	450	Iron
100120	18	80	2.5	24	1.9	410	Iron
100121	22	80	2.5	22	2.3	380	Iron
<hr/>							
100122	27	80	2.5	20	2.7	350	Iron
100123	33	80	2.5	18	3.3	320	Iron
100124	39	80	2.5	16	3.9	290	Iron
100125	47	80	2.5	14	4.7	260	Iron
100126	56	80	2.5	12	5.6	240	Iron
<hr/>							
100127	68	80	2.5	11	6.8	220	Iron
100128	82	80	2.5	10	8.1	200	Iron
100129	100	80	2.5	9.1	9.7	180	Iron
100130	120	45	.79	8.2	12	160	Iron
100131	150	45	.79	7.3	14	150	Iron
<hr/>							
100132	180	45	.79	6.4	17	140	Iron
100133	220	50	.79	5.6	20	130	Iron
100134	270	55	.79	5	24	120	Iron
100135	330	55	.79	4.4	19	130	Iron
100136	390	55	.79	3.9	22	120	Iron
<hr/>							
100137	470	55	.79	3.5	27	110	Iron
100138	560	55	.79	3.1	32	100	Iron
100139	680	55	.79	2.8	19	130	Iron
100140	820	50	.79	2.5	23	120	Iron
100141	1,000	50	.79	2.2	27	110	Iron

T2 thru T4 series inductance is measured on Boonton 260-A Q-Meter using  $\frac{1}{4}$ " leads at specified frequency. Residual inductance of the Q-Meter (.01  $\mu$ H) should be subtracted from readings for values under 10  $\mu$ H.

### T4 SERIES

MILLER NUMBER	L $\mu$ H $\pm 5\%$	Q Min.	Test Freq. MHz	Fo. Min. MHz	R,dc Max. Ohms	I,dc Max. mA	Core Material
100142	100	75	.79	8.4	6	280	Iron
100143	120	75	.79	7.5	7	260	Iron
100144	150	75	.79	6.7	8	240	Iron
100145	180	75	.79	6	10	220	Iron
100146	220	80	.79	5.3	12	200	Iron
<hr/>							
100147	270	80	.79	4.7	14	180	Iron
100148	330	80	.79	4.2	17	160	Iron
100149	390	80	.79	3.8	20	150	Iron
100150	470	75	.79	3.4	24	140	Iron
100151	560	75	.79	3.1	28	130	Iron
<hr/>							
100152	680	75	.79	2.8	33	120	Iron
100153	820	75	.79	2.5	39	110	Iron
100154	1,000	75	.79	2.2	45	100	Iron
100155	1,200	45	.25	1.9	31	120	Iron
100156	1,500	45	.25	1.6	37	110	Iron
<hr/>							
100157	1,800	50	.25	1.4	44	100	Iron
100158	2,200	50	.25	1.3	52	90	Iron
100159	2,700	50	.25	1.2	61	85	Iron
100160	3,300	50	.25	1.1	71	80	Iron
100161	3,900	50	.25	1	82	75	Iron
<hr/>							
100162	4,700	50	.25	.9	93	70	Iron
100163	5,600	45	.25	.8	105	65	Iron
100164	6,800	40	.25	.7	140	60	Iron
100165	8,200	40	.25	.6	160	55	Iron

T4 Series Dimensions

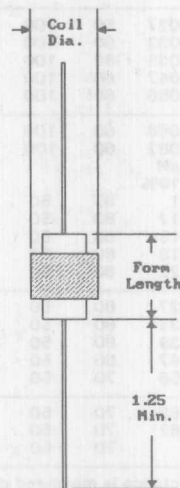


## 70F SERIES

## R F CHOKES

MILLER NUMBER	L ± 20% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R, dc MAX. Ohms	I, dc Max. mA	Coil Dia. Max.	Form Length ± .03	Core Material
70F107AP	.1	49	25	600	.013	3922	.156	.31	Phenolic
70F157AP	.15	52	25	490	.025	2828	.141	.31	Phenolic
70F227AP	.22	48	25	400	.038	2294	.141	.31	Phenolic
70F337AP	.33	47	25	330	.07	1690	.125	.31	Phenolic
70F477AP	.47	46	25	280	.125	1264	.125	.31	Phenolic
70F687AP	.68	48	25	240	.2	1000	.125	.31	Phenolic
70F757AP	.75	48	25	224	.264	870	.125	.31	Phenolic
70F827AP	.82	48	25	216	.29	830	.125	.31	Phenolic
70F106AI	1.0	41	25	118	.048	2041	.165	.25	Iron
L ± 10%									
70F126AI	1.2	45	7.9	118	.072	1666	.16	.25	Iron
70F156AI	1.5	42	7.9	102	.096	1443	.16	.25	Iron
70F186AI	1.8	31	7.9	89	.096	1443	.16	.25	Iron
70F226AI	2.2	43	7.9	87	.156	1132	.16	.25	Iron
70F276AI	2.7	34	7.9	74	.168	1091	.16	.25	Iron
70F336AI	3.3	40	7.9	66	.24	912	.15	.25	Iron
70F396AI	3.9	35	7.9	61	.264	870	.15	.25	Iron
70F476AI	4.7	43	7.9	53	.457	661	.15	.25	Iron
70F566AI	5.6	41	7.9	49	.492	637	.15	.25	Iron
70F686AI	6.8	40	7.9	49	.624	566	.15	.25	Iron
70F756AI	7.5	32	7.9	44	.624	566	.15	.25	Iron
70F826AI	8.2	37	7.9	41	.744	518	.15	.25	Iron
70F916AI	9.1	41	7.9	21	1.44	288	.16	.25	Iron
70F105AI	10	36	7.9	19	1.56	277	.16	.25	Iron
70F125AI	12	52	2.5	19	1.68	267	.16	.25	Iron
70F155AI	15	52	2.5	16	1.92	250	.165	.25	Iron
L ± 5%									
70F185AI	18	52	2.5	15	2.28	229	.165	.25	Iron
70F225AI	22	51	2.5	13	2.28	229	.165	.25	Iron
70F255AI	25	48	2.5	13	2.64	213	.17	.25	Iron
70F275AI	27	49	2.5	12	2.64	213	.17	.25	Iron
70F335AI	33	50	2.5	10	2.76	208	.17	.25	Iron
70F395AI	39	48	2.5	9.3	3.36	188	.175	.25	Iron
70F475AI	47	44	2.5	9.1	3.36	188	.175	.25	Iron
70F565AI	56	45	2.5	8.6	3.84	176	.18	.25	Iron
70F685AI	68	42	2.5	8.1	4.2	169	.18	.25	Iron
70F755AI	75	38	2.5	7.2	4.56	162	.185	.25	Iron
70F825AI	82	41	2.5	6.7	4.8	158	.185	.25	Iron
70F915AI	91	41	2.5	6.7	4.92	156	.185	.25	Iron
70F104AI	100	25	2.5	3.6	7.68	139	.165	.25	Iron
70F124AI	120	40	.79	3.2	8.16	135	.165	.25	Iron
70F154AI	150	47	.79	3	8.16	135	.165	.25	Iron
70F184AI	180	48	.79	2.8	8.16	135	.17	.25	Iron
70F204AI	200	47	.79	2.7	10.3	120	.17	.25	Iron
70F224AI	220	46	.79	2.5	11.5	114	.17	.25	Iron
70F254AI	250	49	.79	2.5	12.1	111	.17	.25	Iron
70F274AI	270	46	.79	2.5	13.2	106	.175	.25	Iron
70F304AI	300	46	.79	2.2	13.2	106	.175	.25	Iron
70F334AI	330	41	.79	2	13.9	103	.175	.25	Iron
70F354AI	350	46	.79	2	14.4	102	.18	.25	Iron
70F394AI	390	45	.79	2	15.8	97	.18	.25	Iron
70F474AI	470	35	.79	1.8	16.3	95	.185	.25	Iron
70F504AI	500	49	.79	1.8	18	91	.195	.25	Iron
70F564AI	560	41	.79	1.7	19.2	88	.195	.25	Iron
70F684AI	680	37	.79	1.6	19.8	87	.2	.25	Iron
70F754AI	750	40	.79	1.6	22.9	80	.21	.25	Iron
70F824AI	820	33	.79	1.6	22.9	80	.21	.25	Iron
70F914AI	910	32	.79	1.4	24	79	.22	.25	Iron
70F103AI	1,000	30	.79	1.4	24	79	.225	.25	Iron
70F123AI	1,200	34	.25	1.2	33.6	66	.22	.25	Iron
70F153AI	1,500	40	.25	1.1	37.2	63	.225	.25	Iron
70F183AI	1,800	40	.25	.96	42	59	.235	.25	Iron
70F223AI	2,200	40	.25	.96	45.6	57	.24	.25	Iron
70F253AI	2,500	48	.25	.96	45.6	57	.26	.38	Iron
70F273AI	2,700	50	.25	.88	45.6	57	.26	.38	Iron
70F333AI	3,300	52	.25	.8	51.6	53	.26	.38	Iron
70F393AI	3,900	53	.25	.76	57.6	51	.275	.38	Iron
70F473AI	4,700	49	.25	.68	64.8	48	.285	.38	Iron
70F563AI	5,600	53	.25	.68	69.6	46	.3	.38	Iron
70F683AI	6,800	51	.25	.64	78	43	.31	.38	Iron
70F753AI	7,500	49	.25	.6	85.2	41	.31	.38	Iron
70F823AI	8,200	48	.25	.6	92.4	40	.33	.38	Iron
70F913AI	9,100	52	.25	.56	98.4	39	.33	.38	Iron
70F102AI	10,000	41	.25	.52	101	38	.335	.38	Iron
70F122AI	12,000	46	.079	.36	100	50	.3	.50	Iron
70F152AI	15,000	50	.079	.32	113	47	.3	.50	Iron
70F182AI	18,000	49	.079	.29	128	44	.325	.50	Iron
70F222AI	22,000	50	.079	.27	144	41	.33	.50	Iron
70F252AF	25,000	59	.079	.25	115	46	.34	.63	Ferrite
70F272AF	27,000	61	.079	.244	120	45	.353	.63	Ferrite

Varnish Impregnated



L and Q  
measured on Q-Meter.

70F107AP thru 70F222AI  
Leads AWG #22 TCW 1.5" ± .13" long

70F252AF thru 70F501AF  
Leads AWG #20 TCW 1.5" ± .13" long

### 70F SERIES

MILLER NUMBER	L $\pm 5\%$ $\mu$ H	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Form Length $\pm .03$	Core Material
70F332AF	33,000	61	.079	.232	134	43	.353	.63	Ferrite
70F392AF	39,000	59	.079	.22	147	41	.37	.63	Ferrite
70F472AF	47,000	57	.079	.206	168	38	.384	.63	Ferrite
70F502AF	50,000	57	.079	.196	175	37	.4	.63	Ferrite
70F562AF	56,000	57	.079	.188	189	36	.4	.63	Ferrite
70F682AF	68,000	57	.079	.18	215	34	.415	.63	Ferrite
70F752AF	75,000	53	.079	.174	222	33	.43	.63	Ferrite
70F822AF	82,000	50	.079	.168	238	32	.43	.63	Ferrite
70F912AF	91,000	51	.079	.166	250	31	.43	.63	Ferrite
70F101AF	100,000	48	.079	.157	278	29	.446	.63	Ferrite
70F121AF	120,000	46	.025	.084	288	48	.485	.88	Ferrite
70F151AF	150,000	49	.025	.077	328	44	.505	.88	Ferrite
70F181AF	180,000	51	.025	.075	374	41	.525	.88	Ferrite
70F221AF	220,000	51	.025	.07	424	39	.54	.88	Ferrite
70F251AF	250,000	52	.025	.065	468	37	.555	.88	Ferrite
70F271AF	270,000	53	.025	.062	490	36	.57	.88	Ferrite
70F331AF	330,000	54	.025	.06	540	34	.58	.88	Ferrite
70F391AF	390,000	54	.025	.056	617	33	.6	.88	Ferrite
70F471AF	470,000	55	.025	.054	704	30	.615	.88	Ferrite
70F501AF	500,000	53	.025	.052	736	30	.635	.88	Ferrite

L and Q  
measured on Q-Meter.

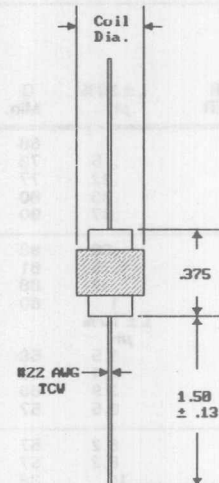
L measured on 1 kHz bridge.  
Q measured on Q-Meter.

### 72F SERIES

MILLER NUMBER	L $\pm 5\%$ $\mu$ H	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Core Material
72F105AP	10	23	2.5	13	1.58	356	.25	Phenolic
72F125AP	12	21	2.5	12	1.69	344	.25	Phenolic
72F155AP	15	20	2.5	11	1.85	329	.26	Phenolic
72F185AP	18	20	2.5	9.8	2.08	310	.26	Phenolic
72F225AP	22	18	2.5	9.6	2.28	296	.26	Phenolic
72F275AP	27	17	2.5	8.9	2.54	281	.28	Phenolic
72F335AP	33	16	2.5	8.1	2.87	264	.28	Phenolic
72F395AP	39	15	2.5	7.5	3.14	252	.28	Phenolic
72F475AP	47	14	2.5	7.2	3.43	241	.28	Phenolic
72F565AP	56	13	2.5	6.5	3.72	232	.30	Phenolic
72F685AP	68	12	2.5	6.1	4.2	218	.30	Phenolic
72F825AP	82	12	2.5	5.8	4.44	212	.31	Phenolic
72F104AP	100	20	.79	5.3	5.16	197	.31	Phenolic
72F124AP	120	19	.79	5	5.64	188	.33	Phenolic
72F154AP	150	18	.79	4.6	6.36	177	.34	Phenolic
72F184AP	180	17	.79	4.3	7.02	169	.36	Phenolic
72F224AP	220	17	.79	4	7.91	159	.37	Phenolic
72F274AP	270	16	.79	3.5	8.94	150	.37	Phenolic
72F334AP	330	16	.79	3.3	9.96	142	.39	Phenolic
72F394AP	390	16	.79	3.1	10.9	135	.41	Phenolic
72F474AP	470	15	.79	2.9	12	129	.41	Phenolic
72F564AP	560	14	.79	2.6	13.2	123	.41	Phenolic
72F684AP	680	14	.79	2.4	14.6	117	.42	Phenolic
72F824AP	820	13	.79	2.2	16.1	111	.44	Phenolic
72F103AP	1,000	28	.25	1.9	19.1	102	.45	Phenolic

Single Pi Universal Wound  
Varnish Impregnated.

72F Series Dimensions

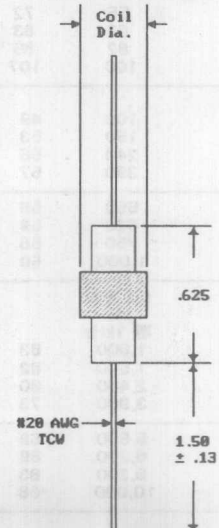


### 73F SERIES

MILLER NUMBER	L $\pm 5\%$ $\mu$ H	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Core Material
73F104AF	100	140	.79	7.7	2	250	.33	Ferrite
73F124AF	120	140	.79	7	2.2	250	.33	Ferrite
73F154AF	150	160	.79	6.3	2.5	250	.33	Ferrite
73F184AF	180	160	.79	6	2.9	250	.34	Ferrite
73F224AF	220	160	.79	5.6	3.2	250	.36	Ferrite
73F274AF	270	160	.79	5.1	3.6	250	.36	Ferrite
73F334AF	330	160	.79	4.8	3.8	250	.37	Ferrite
73F394AF	390	160	.79	4.4	4.2	225	.39	Ferrite
73F474AF	470	160	.79	3.9	4.8	200	.39	Ferrite
73F564AF	560	160	.79	3.6	5.3	200	.40	Ferrite
73F684AF	680	160	.79	3.4	6	200	.40	Ferrite
73F824AF	820	150	.79	3.1	6.8	200	.44	Ferrite
73F103AF	1,000	140	.79	2.6	7.5	150	.47	Ferrite
73F123AF	1,200	140	.25	2.2	7.8	150	.54	Ferrite
73F153AF	1,500	140	.25	2	8.8	150	.58	Ferrite
73F183AF	1,800	140	.25	1.8	11	150	.61	Ferrite
73F223AF	2,200	100	.25	1.5	12	150	.44	Ferrite
73F273AF	2,700	100	.25	1.4	13.5	125	.47	Ferrite
73F333AF	3,300	100	.25	1.3	15.1	125	.50	Ferrite
73F393AF	3,900	95	.25	1.2	18	125	.51	Ferrite
73F473AF	4,700	95	.25	1	21.5	100	.53	Ferrite
73F563AF	5,600	95	.25	1	25	80	.56	Ferrite
73F683AF	6,800	95	.25	.9	29	80	.59	Ferrite
73F823AF	8,200	70	.25	.91	30	80	.54	Ferrite
73F102AF	10,000	65	.25	.85	34	80	.58	Ferrite

Single Pi Universal Wound  
Varnish Impregnated.

73F Series Dimensions



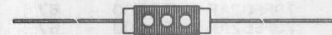
## 74F SERIES

## R F CHOKES

MILLER NUMBER	L ± 20% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Core Material
74F106AP	1	45	7.9	190	.2	1000	.2	Phenolic
74F126AP	1.2	45	7.9	174	.22	950	.2	Phenolic
74F156AP	1.5	45	7.9	160	.25	900	.2	Phenolic
74F186AP	1.8	45	7.9	144	.28	850	.2	Phenolic
74F226AP	2.2	45	7.9	132	.3	800	.2	Phenolic
L ± 10% μH								
74F276AP	2.7	45	7.9	119	.5	700	.2	Phenolic
74F336AP	3.3	45	7.9	108	.7	600	.2	Phenolic
74F396AP	3.9	45	7.9	101	.8	500	.2	Phenolic
74F476AP	4.7	50	7.9	91	1	400	.2	Phenolic
74F566AP	5.6	50	7.9	83	1.8	350	.2	Phenolic
74F686AP	6.8	50	7.9	75	1.85	300	.2	Phenolic
74F826AP	8.2	50	7.9	68	1.9	275	.2	Phenolic
74F105AP	10	50	7.9	62	3	250	.2	Phenolic
74F125AP	12	30	2.5	57	3.6	200	.2	Phenolic
74F155AP	15	30	2.5	51	6	150	.2	Phenolic
74F185AP	18	30	2.5	46	7.5	100	.2	Phenolic
74F225AI	22	85	2.5	28	2	500	.2	Iron
74F275AI	27	80	2.5	26	1.85	450	.2	Iron
74F335AI	33	80	2.5	24	2	450	.2	Iron
74F395AI	39	90	2.5	21	2.6	400	.2	Iron
74F475AI	47	90	2.5	19	3.5	350	.2	Iron
74F565AI	56	90	2.5	18	3.75	300	.2	Iron
74F685AI	68	90	2.5	17	4	250	.2	Iron
74F825AI	82	100	2.5	15	5.1	200	.2	Iron
74F104AI	100	100	2.5	14	6	150	.2	Iron

Solenoid Wound  
Varnish Impregnated.

Form length .5"  
Color Coded to EIA Standard



74F106AP thru 74F185AP  
Leads AWG #20 TCW 1.5" ± .13" long

74F225AI thru 74F104AI  
Leads AWG #21 TCW 1.5" ± .13" long

MILLER NUMBER	L ± 20% μH	Q Min.	Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Core Material
4580	.1	68	25	500	.017	3000	.27	Phenolic
4582	.15	73	25	410	.018	2900	.27	Phenolic
4584	.22	77	25	340	.02	2800	.27	Phenolic
4586	.33	80	25	288	.024	2600	.27	Phenolic
4588	.47	90	25	243	.034	2500	.27	Phenolic
4590	.68	83	25	208	.036	2400	.27	Phenolic
4592	.75	81	25	204	.04	2200	.27	Phenolic
4594	.82	88	25	200	.043	2100	.27	Phenolic
4602	1	60	7.9	190	.05	2000	.27	Phenolic
L ± 10% μH								
4604	1.5	58	7.9	149	.093	1800	.27	Phenolic
4606	2.4	56	7.9	120	.19	1500	.27	Phenolic
4608	3.9	60	7.9	93	.45	1000	.27	Phenolic
4609	5.5	57	7.9	80	.67	850	.27	Phenolic
4610	6.2	57	7.9	76	.83	700	.27	Phenolic
4611	8.2	57	7.9	65	1.2	600	.27	Phenolic
4612	10	36	2.5	61	1.5	500	.27	Phenolic
L ± 5% μH								
4622	10	69	2.5	40	.11	1500	.29	Iron
4624	15	62	2.5	33	.17	1000	.29	Iron
4626	24	65	2.5	25	.34	800	.29	Iron
4628	39	70	2.5	20	.65	600	.29	Iron
4629	55	72	2.5	17	1	500	.29	Iron
4630	62	83	2.5	16	1.2	475	.29	Iron
4631	82	85	2.5	13	1.9	450	.29	Iron
4632	100	107	.79	12	3	400	.29	Iron
4642	100	49	.79	11	5.4	160	.41	Phenolic
4644	150	53	.79	8.8	6.5	160	.41	Phenolic
4646	240	56	.79	7.2	8.5	160	.44	Phenolic
4648	390	57	.79	5.6	11	160	.5	Phenolic
4649	550	58	.79	4.8	13	160	.5	Phenolic
4650	620	59	.79	4.5	15	160	.53	Phenolic
4651	750	56	.79	4	16	160	.53	Phenolic
4652	1,000	59	.25	3.7	19	160	.56	Phenolic
L ± 5% μH @ 1kHz								
4662	1,000	83	.25	2.6	8.6	160	.47	Iron
4664	1,500	82	.25	2.1	11	160	.47	Iron
4666	2,400	80	.25	1.7	15	160	.53	Iron
4668	3,900	73	.25	1.4	20	160	.56	Iron
4669	5,500	69	.25	1.1	25	160	.59	Iron
4670	6,200	89	.25	1	37	100	.53	Iron
4671	8,200	83	.25	.94	46	100	.56	Iron
4672	10,000	68	.079	.82	50	100	.59	Iron

These chokes cover an inductance range from .1 μH to 50,000 μH. Either solenoid or 3-Pi universal windings are used to insure low distributed capacity.

Solenoid Wound Phenolic core  
Varnish Impregnated.



Form length .750"  
Leads AWG #21 TCW 1.5" ± .13" long

Solenoid Wound Iron core  
Varnish Impregnated.



Form length .875"  
Leads AWG #20 TCW 1.5" ± .13" long

3-Pi Universal Wound Phenolic Core  
Varnish Impregnated.



Form length .750"  
Leads AWG #21 TCW 1.5" ± .13" long

3-Pi Universal Wound Iron Core  
Varnish Impregnated.



Form length .875"  
Leads AWG #20 TCW 1.5" ± .13" long

## R F CHOKES

MILLER NUMBER	L ± 5% μH @ 1kHz	Q Min.	Q Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Core Material
6302	2,500	106	.25	1.3	9	160	.47	Ferrite
6304	5,000	91	.25	1	14	160	.53	Ferrite
6306	10,000	108	.079	.71	31	100	.53	Ferrite
6308	25,000	102	.079	.47	82	65	.53	Ferrite
6310	50,000	113	.079	.33	127	65	.63	Ferrite

3-Pi Universal Wound Ferrite Core  
Varnish Impregnated.

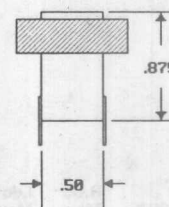


Form length .875"  
Leads AWG #20 TCW 1.5" ± .13" long

## PRINTED CIRCUIT R F CHOKES

MILLER NUMBER	L ± 5% μH @ 1kHz	Q Min.	(Q) Test Freq. MHz	Fo Min. MHz	R,dc MAX. Ohms	I,dc Max. mA	Coil Dia. Max.	Core Material
970	1,000	45	.25	1.57	20.6	125	.7	Air
971	1,200	47	.25	1.46	23.8	125	.72	Air
972	1,500	49	.25	1.38	26.4	125	.74	Air
973	1,800	50	.25	1.24	29.6	125	.75	Air
974	2,200	51	.25	1.04	32.9	125	.77	Air
975	2,700	52	.25	1.06	37.4	125	.8	Air
976	3,300	52	.25	.985	41.8	125	.82	Air
977	3,900	52	.25	.9	46.7	125	.85	Air
978	4,700	52	.25	.848	51.8	125	.88	Air
979	5,600	51	.25	.76	57.6	125	.91	Air
980	6,800	51	.25	.716	64.4	125	.95	Air
981	8,200	38	.25	.52	73	100	.85	Air
982	10,000	43	.079	.48	81.6	100	.88	Air
983	12,000	46	.079	.424	92.4	100	.91	Air
984	15,000	48	.079	.398	105	100	.95	Air
985	18,000	51	.079	.37	117	100	.99	Air
986	22,000	51	.079	.32	130	75	.99	Air
987	27,000	51	.079	.294	145	75	1.05	Air
988	33,000	44	.079	.288	251	75	1	Air
989	39,000	44	.079	.264	277	75	1.05	Air
990	47,000	40	.079	.19	316	50	.91	Air
991	56,000	39	.079	.177	351	50	.95	Air
992	68,000	33	.079	.16	391	50	1	Air
993	82,000	31	.079	.145	442	50	1.03	Air
994	100,000	29	.079	.138	473	50	1.08	Air

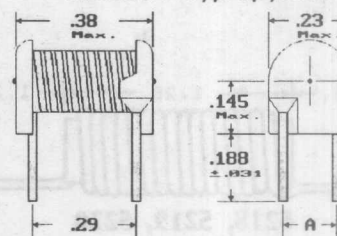
Varnish Impregnated.



## 75F SERIES

MILLER NUMBER	L ± 10% μH	Q Ref.	Test Freq. MHz	Turns	A Dim.	Wire Size
75F238MPC	.032	105	50	2 1/2	.148	22 Tinned Copper
75F328MPC	.039	95	40	3 1/2	.148	22 Tinned Copper
75F518MPC	.049	104	40	4 1/2	.148	22 Tinned Copper
75F117MPC	.108	90	25	8 1/2	.148	22 Single Poly
75F157MPC	.142	90	25	10 1/2	.148	22 Heavy Poly
75F277MPC	.275	92	25	14 1/2	.153	24 Single Poly
75F397MPC	.364	93	25	15 1/2	.154	26 Sybond2
75F477MPC	.49	89	25	17 1/2	.159	27 Single Poly
75F597MPC	.57	92	25	19 1/2	.159	27 Single Poly

Molded Polypropylene



## RFC SERIES

MILLER NUMBER	L ± 10% μH	Test Freq. MHz	Freq. Range MHz	Fig.	R,dc Max. Ohms	Coil Dia. Max.	Form Length	Core Material
RFC-3.5	266	.79	1.8 - 5	1	12.96	.5	3.5	Ceramic
RFC-7	208	.79	3 - 13	1	9.36	.5	3.5	Ceramic
RFC-14	84	2.5	7 - 20	1	4.32	.5	2	Ceramic
RFC-21	38.5	2.5	15 - 30	2	1.63	.44	1.5	Phenolic
RFC-28	24	2.5	25 - 40	2	.84	.44	1.5	Phenolic
RFC-50	8.2	7.9	30 - 90	2	.48	.31	1	Phenolic
RFC-144	1.72	7.9	75 - 180	2	.12	.25	.75	Phenolic
RFC-220	.82	25	160 - 340	2	.041	.25	.75	Phenolic
RFC-420	.22	25	325 - 500	2	.019	.25	.5	Phenolic

## FREQUENCY SELECTIVE R F CHOKES

Varnish Impregnated.

Fig. 1 Form threaded for 6-32 mounting screw.

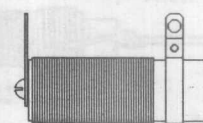


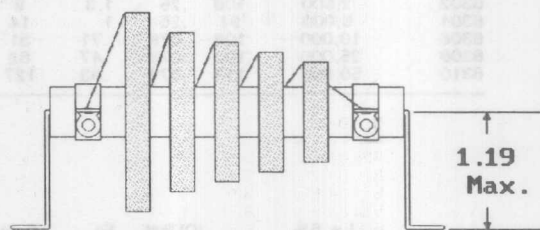
Fig. 2 Leads: 1.5 ± .13" long



## TRANSMITTER RF Chokes

MILLER NUMBER	L ± 5% MH	R, dc Max. Ohms	I, dc Max. mA	Coil Dia. Max.	Form Size	Mounting Centers	Core Material
4534	1	3	1,000	1.31	.5 x 3.5	4.13	Ceramic
4535	1.5	4.3	1,000	1.25	.5 x 3.5	4.13	Ceramic
4550	2	7.8	400	1.06	.5 x 2.5	3.06	Ceramic
4533	2.5	5.4	750	1.69	.5 x 3.5	4.13	Ceramic
4536	4	6.6	750	1.88	.5 x 3.5	4.13	Ceramic
4551	4	12	400	1.38	.5 x 2.5	3.06	Ceramic
2881	7	8.6	750	2	.5 x 3.5	4.13	Ceramic

## R F CHOKES



Multi-Pi Universal Wound Varnished Impregnated.

Removable brackets.

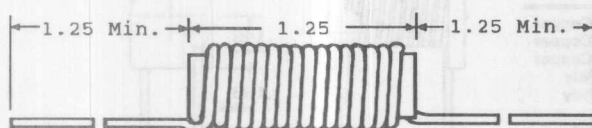
Form ends tapped for 6-32 screw mounting.

## HASH Chokes

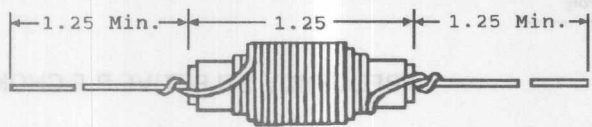
MILLER NUMBER	L ± 20% $\mu$ H	R, dc Max. Ohms	I, dc Max. Amps	Coil Dia. Max.	Form Length	Lead Wire Size	Lead Length Min.	Core Material
5218	3.35	.01	20	.6	1.25	AWG 12	1.25	Iron
5219	4.9	.016	15	.6	1.25	AWG 14	1.25	Iron
5220	8.8	.021	10	.56	1.25	AWG 16	1.25	Iron
5230	4	.012	8	.38	.875	AWG 20	1.25	Ferrite
5240	40	.082	3	.31	1.25	AWG 20	1.25	Ferrite
5248	68	.054	5	.56	1.25	AWG 20	1.25	Ferrite
5250	100	.216	2	.38	1.25	AWG 20	1.25	Ferrite
5252	125	.08	3.5	.5	1.25	AWG 20	1.25	Ferrite
5254	250	.17	2.5	.44	1.25	AWG 20	1.25	Ferrite
5256	500	.26	2	.56	1.25	AWG 20	1.25	Ferrite
5258	1,000	.55	1	.5	1.25	AWG 20	1.25	Ferrite

L measured on Q-meter at 7.9 MHz

L measured on 1 kHz bridge.



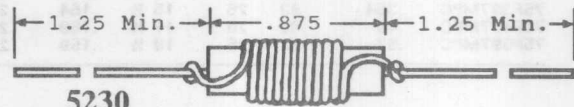
5218, 5219, 5220



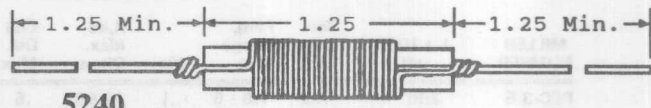
5248, 5252, 5254, 5256, 5258



5250



5230



5240

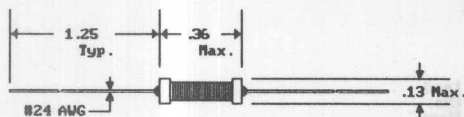
# Miller

## MINIATURE HIGH CURRENT R F CHOKES

### 5300 SERIES

MILLER NUMBER	L ( $\mu$ H) $\pm 10\%$ @ 0 DC	Max DCR OHMS	Min SRF MHz	RATED I <sub>dc</sub> mA	INCR I mA
5300-01	1.0	.018	190	3300	3000
5300-02	1.2	.019	170	3200	2700
5300-03	1.5	.020	160	3100	2500
5300-04	1.8	.023	150	2900	2100
5300-05	2.2	.031	130	2600	2000
5300-06	2.7	.033	120	2500	1900
5300-07	3.3	.054	110	1900	1700
5300-08	3.9	.060	100	1800	1500
5300-09	4.7	.068	86	1700	1400
5300-10	5.6	.074	64	1600	1300
5300-11	6.8	.080	44	1600	1200
5300-12	8.2	.087	32	1500	1100
5300-13	10	.095	25	1500	970
5300-14	12	.11	17	1400	880
5300-15	15	.15	13	1200	790
5300-16	18	.16	10	1100	710
5300-17	22	.19	8.4	1000	640
5300-18	27	.22	8.0	950	580
5300-19	33	.24	7.6	910	530
5300-20	39	.26	7.1	880	480
5300-21	47	.35	6.0	760	430
5300-22	56	.47	5.8	650	400
5300-23	68	.53	4.3	610	370
5300-24	82	.60	4.1	580	330
5300-25	100	.67	3.9	550	300
5300-26	120	.90	3.6	470	270
5300-27	150	1.2	3.2	410	250
5300-28	180	1.4	2.8	380	220
5300-29	220	1.9	2.3	320	200
5300-30	270	2.1	2.1	310	180
5300-31	330	2.4	1.9	290	170
5300-32	390	3.0	1.7	260	150
5300-33	470	3.4	1.4	240	140
5300-34	560	4.7	1.3	210	130
5300-35	680	6.4	1.2	180	110
5300-36	820	7.1	1.1	170	100
5300-37	1,000	7.9	1.0	160	95
5300-38	1,200	9.0	.94	150	87
5300-39	1,500	12	.76	130	78
5300-40	1,800	14	.72	120	71
5300-41	2,200	19	.64	100	64
5300-42	2,700	25	.56	90	58
5300-43	3,300	29	.53	83	52
5300-44	3,900	34	.48	77	48
5300-45	4,700	37	.45	74	44
5300-46	5,600	50	.40	63	40
5300-47	6,800	58	.36	59	36
5300-48	8,200	68	.29	54	33
5300-49	10,000	75	.27	52	30

5300 Dimensions



#### NOTES:

1. Inductance: For 1.0  $\mu$ H through 8.2  $\mu$ H, effective inductance is measured at 7.9 MHz in accordance with MIL-C-15305. For 10  $\mu$ H through 10,000  $\mu$ H inductance is measured at 1 kHz.
2. Incremental current (INCR I) is the minimum current at which the inductance will be decreased by 5% from its initial (zero-DC) value because of saturation.
3. Operating temperature range -55°C to +105°C.
4. Marking: Color coded to indicate inductance value.

# Miller

High Saturation Flux Density Ferrite Rods & Bobbins.  
High Current Toroids.

## 5500 SERIES

MILLER NUMBER	L $\mu$ H $\pm$ 10% @ 1kHz	R, dc Max. OHMS	I, dc Max. AMPS	Dim. A Max.	Dim. B Max.	Dim. C $\pm$ .06	Dim. D $\pm$ .005
5501	5	.013	10	.88	.63	.50	.042
5502	10	.017	9	1.22	.63	.69	.042
5503	27	.030	7	.88	.81	.44	.042
5504	50	.045	5.6	1.12	.81	.75	.042
5505	100	.061	4.9	1.12	.81	.94	.042
5506	150	.069	4.6	1.38	.81	1.06	.042
5507	250	.089	4	1.62	.81	1.31	.042
5508	5	.009	14	.88	.64	.75	.053
5509	10	.012	12	1.12	.64	1	.053
5510	27	.022	9	.88	.88	.56	.053
5511	50	.028	8	1.12	.88	.75	.053
5512	68	.034	7.3	1.12	.88	.88	.053
5513	100	.038	6.8	1.38	.88	1	.053
5514	150	.046	6.3	1.62	.88	1.25	.053
5515	5	.006	19	1.12	.69	.81	.065
5516	10	.008	16	1.38	.69	1.22	.065
5517	27	.014	12.5	1.12	.94	.69	.065
5518	50	.020	10.5	1.38	.94	.94	.065
5519	68	.023	10	1.38	.94	1.12	.065
5520	100	.027	10	1.62	.94	1.31	.065
5521	5	.004	23	1.38	.72	.94	.082
5522	10	.006	20	1.69	.72	1.50	.082
5523	27	.010	15	1.38	1	.94	.082
5524	50	.013	15	1.62	1	1.12	.082

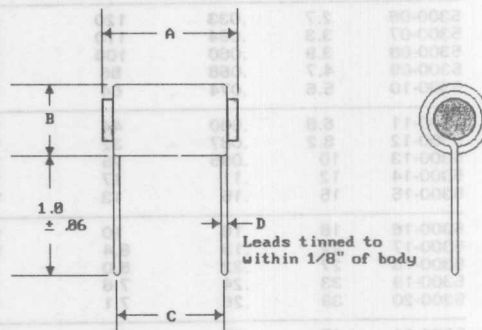
## 5600 SERIES

MILLER NUMBER	L $\mu$ H $\pm$ 10% @ 1kHz	R, dc Max. OHMS	I, dc Max. AMPS	Dim. A Max.	Dim. B Max.	Dim. C $\pm$ .06	Dim. D $\pm$ .005
5601	5	.007	15	.83	.91	.59	.065
5602	10	.008	14	.83	.91	.60	.065
5603	25	.023	8	.83	.91	.57	.042
5604	50	.034	6.6	.83	.91	.65	.042
5605	100	.072	4.5	.83	.91	.69	.042
5606	250	.173	2.9	.83	.91	.65	.042
5607	500	.378	2	.83	.91	.68	.042
5608	1,000	.801	1.3	.83	.91	.66	.042
5609	2,500	2.04	.85	.83	.91	.71	.042
5610	5	.005	20	1.22	1.11	.94	.082
5611	10	.006	17	1.22	1.11	.95	.082
5612	25	.009	14	1.22	1.11	.93	.082
5613	50	.017	10	1.22	1.11	.99	.065
5614	100	.034	7	1.22	1.11	.85	.053
5615	250	.083	4.6	1.22	1.11	.97	.053
5616	500	.129	3.7	1.22	1.11	1.12	.053
5617	1,000	.279	2.5	1.22	1.11	1.05	.053
5618	2,500	.690	1.6	1.22	1.11	1.05	.053
5619	50	.012	14	1.50	1.11	1.23	.082
5620	100	.025	9.8	1.50	1.11	1.12	.065
5621	250	.059	6.4	1.50	1.11	1.10	.053
5622	500	.090	5	1.50	1.11	1.14	.053
5623	1,000	.195	3.5	1.50	1.11	1.36	.053
5624	2,500	.499	2.2	1.50	1.11	1.32	.053
5625	5,000	1.08	1.5	1.50	1.11	1.27	.053
5626	100	.018	14	1.50	1.50	1.18	.082
5627	250	.040	9	1.50	1.50	1.12	.065
5628	500	.085	6.5	1.50	1.50	1.06	.053
5629	1,000	.183	4.4	1.50	1.50	1.23	.053
5630	2,500	.464	2.8	1.50	1.50	1.21	.053
5631	5,000	.714	2.2	1.50	1.50	1.32	.053
5632	10,000	1.55	1.5	1.50	1.50	1.25	.053

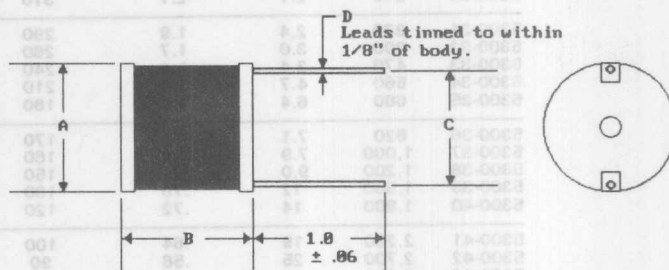
## 5700 SERIES

MILLER NUMBER	L $\mu$ H $\pm$ 15% @ 1kHz	I, dc Max. AMPS	Min. L $\mu$ H @ I, dc	R, dc Max. OHMS	Dim. A Max.	Dim. B Max.	Dim. C Min.	Lead Dia. Nom.
5701	10	11.00	5	.008	.875	.437	.187	.064
5702	25	5.50	12	.014	.875	.437	.187	.040
5703	125	2.75	70	.12	.875	.437	.187	.020
5704	275	2.00	150	.24	.875	.437	.187	.016
5705	450	1.50	250	.49	.875	.437	.187	.016
5706	25	9.00	15	.012	1.125	.562	.312	.064
5707	75	5.00	40	.04	1.125	.562	.312	.036
5708	400	2.25	225	.33	1.125	.562	.312	.018
5709	800	1.75	475	.64	1.125	.562	.312	.015
5710	1000	1.50	575	.98	1.125	.562	.312	.012
5711	50	9.50	25	.012	1.250	.625	.375	.064
5712	150	4.75	85	.046	1.250	.625	.375	.036
5713	700	2.25	400	.42	1.250	.625	.375	.018
5714	1250	1.75	750	.85	1.250	.625	.375	.015
5715	1600	1.50	950	1.27	1.250	.625	.375	.012
5716	125	7.75	65	.032	1.812	.750	.750	.064
5717	500	4.00	275	.15	1.812	.750	.750	.032
5718	1100	2.50	650	.33	1.812	.750	.750	.025
5719	2250	1.75	1350	.92	1.812	.750	.750	.018
5720	4500	1.25	2700	2.64	1.812	.750	.750	.012
5721	250	8.00	125	.041	2.125	.937	.625	.062
5722	900	3.75	500	.175	2.125	.937	.625	.032
5723	1800	2.50	1000	.55	2.125	.937	.625	.023
5724	4000	1.75	2100	1.16	2.125	.937	.625	.018
5725	8000	1.00	4500	3.34	2.125	.937	.625	.012

5500 Series Dimensions



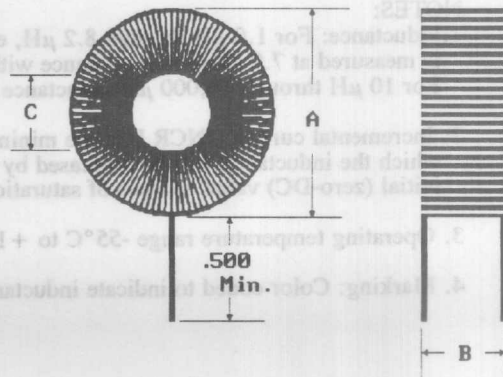
5600 Series Dimensions



The 5500 and 5600 series parts have inductance measured with 0 Amps D.C. current.

Typical inductance change is less than 5% at maximum rated current.

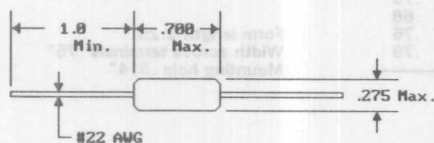
5700 Series Dimensions



### 5800 SERIES

MILLER NUMBER	L (μH) ± 15% @ 0 DC	Max. DCR Ω @ +20°C	Saturation Current (DC Amps)	Suggested Rated Current(AC)
5800-3R9	3.9	.019	7.3	1.28
5800-4R7	4.7	.022	6.3	1.28
5800-5R6	5.6	.024	5.6	1.28
5800-6R8	6.8	.026	5.3	1.28
5800-8R2	8.2	.028	4.5	1.28
5800-100	10	.033	4.1	1.28
5800-120	12	.037	3.6	1.28
5800-150	15	.040	3.3	1.28
5800-180	18	.044	3.0	1.28
5800-220	22	.050	2.7	1.28
5800-270	27	.058	2.5	1.28
5800-330	33	.075	2.2	1.008
5800-390	39	.094	2.0	0.804
5800-470	47	.109	1.8	0.804
5800-560	56	.140	1.7	0.804
5800-680	68	.145	1.5	0.804
5800-820	82	.152	1.4	0.804
5800-101	100	.208	1.2	0.632
5800-121	120	.283	1.1	0.508
5800-151	150	.340	1.0	0.508
5800-181	180	.362	.95	0.508
5800-221	220	.430	.86	0.508
5800-271	270	.557	.77	0.400
5800-331	330	.665	.70	0.400
5800-391	390	.772	.64	0.400
5800-471	470	1.15	.59	0.315
5800-561	560	1.27	.54	0.315
5800-681	680	1.61	.49	0.250
5800-821	820	1.96	.44	0.200
5800-102	1,000	2.30	.40	0.200
5800-122	1,200	2.65	.35	0.200
5800-152	1,500	3.45	.33	0.158
5800-182	1,800	4.03	.29	0.158
5800-222	2,200	4.48	.27	0.158
5800-272	2,700	5.90	.24	0.125
5800-332	3,300	6.56	.22	0.125
5800-392	3,900	8.63	.20	0.100
5800-472	4,700	10.5	.18	0.100
5800-562	5,600	13.9	.166	0.082
5800-682	6,800	16.3	.151	0.082
5800-822	8,200	20.8	.136	0.065
5800-103	10,000	26.4	.125	0.050
5800-123	12,000	29.9	.114	0.050
5800-153	15,000	42.5	.098	0.039
5800-183	18,000	48.3	.091	0.039

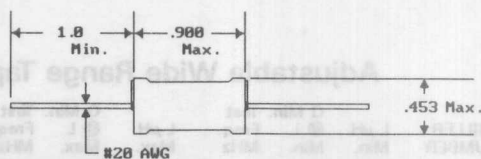
5800 Dimensions



### 5900 SERIES

MILLER NUMBER	L (μH) ± 15% @ 0 DC	Max. DCR Ω @ +20°C	Saturation Current (DC Amps)	Suggested Rated Current(AC)
5900-3R9	3.9	.007	15.5	4.0
5900-4R7	4.7	.008	13.9	4.0
5900-5R6	5.6	.011	12.6	4.0
5900-6R8	6.8	.011	11.6	4.0
5900-8R2	8.2	.013	9.89	4.0
5900-100	10	.017	8.70	4.0
5900-120	12	.019	8.21	4.0
5900-150	15	.022	7.34	4.0
5900-180	18	.023	6.64	4.0
5900-220	22	.026	6.07	4.0
5900-270	27	.027	5.36	4.0
5900-330	33	.032	4.82	4.0
5900-390	39	.033	4.36	4.0
5900-470	47	.035	3.98	4.0
5900-560	56	.037	3.66	3.2
5900-680	68	.047	3.31	2.5
5900-820	82	.060	3.10	2.0
5900-101	100	.090	2.79	1.6
5900-121	120	.113	2.54	1.6
5900-151	150	.129	2.22	1.6
5900-181	180	.150	1.98	1.6
5900-221	220	.162	1.89	1.6
5900-271	270	.208	1.63	1.6
5900-331	330	.212	1.51	1.6
5900-391	390	.281	1.39	1.6
5900-471	470	.380	1.24	1.2
5900-561	560	.420	1.17	1.0
5900-681	680	.548	1.05	1.0
5900-821	820	.655	.97	0.8
5900-102	1,000	.844	.87	0.8
5900-122	1,200	1.04	.79	0.6
5900-152	1,500	1.18	.70	0.6
5900-182	1,800	1.56	.64	0.6
5900-222	2,200	2.00	.58	0.5
5900-272	2,700	2.06	.53	0.4
5900-332	3,300	2.53	.47	0.4
5900-392	3,900	2.75	.43	0.4
5900-472	4,700	3.19	.39	0.4
5900-562	5,600	3.92	.359	0.315
5900-682	6,800	5.69	.322	0.250
5900-822	8,200	6.32	.293	0.250
5900-103	10,000	7.30	.266	0.250
5900-123	12,000	9.21	.241	0.200
5900-153	15,000	10.5	.214	0.200
5900-183	18,000	14.8	.198	0.158
5900-223	22,000	21.8	.180	0.125
5900-273	27,000	22.7	.162	0.125
5900-333	33,000	25.7	.146	0.125
5900-393	39,000	31.8	.135	0.100
5900-473	47,000	36.1	.122	0.100
5900-563	56,000	40.9	.112	0.100
5900-683	68,000	57.3	.101	0.082
5900-823	82,000	79.3	.090	0.065
5900-104	100,000	89.7	.081	0.065

5900 Dimensions



#### NOTES:

1. Inductance is measured at 1 kHz.
2. Saturation current lowers inductance 10%.
3. Coils finished with sleeving VW1 Rated.
4. Available taped & reeled for auto insertion.
5. Operating Temperature -55°C to +105°C.
6. Nonstandard values available.
7. 10% and 5% tolerances optional.

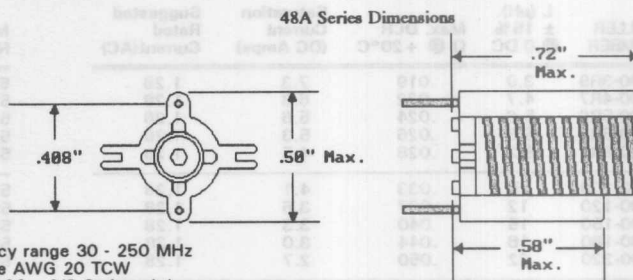
These coils have unsurpassed stability and uniformity of electrical parameters.

A plastic form of polypropylene is molded around an accurately positioned winding.

### 48A SERIES

MILLER NUMBER	L $\mu$ H Min.	L $\mu$ H Nom.	L $\mu$ H Max.	Q MIN.	Max. I, dc Amps	No. Turns
48A518MPC	.046	.051	.055	100	2	1-1/2
48A778MPC	.071	.077	.082	100	2	2-1/2
48A117MPC	.099	.111	.122	100	2	3-1/2
48A147MPC	.118	.138	.157	100	2	4-1/2
48A187MPC	.15	.179	.207	100	2	5-1/2
48A227MPC	.181	.215	.278	100	2	6-1/2
48A257MPC	.209	.245	.283	100	2	7-1/2
48A287MPC	.241	.284	.316	100	2	8-1/2
48A317MPC	.27	.311	.351	100	2	9-1/2

May easily be tapped at 1/8, 1/4, 3/8, 5/8, 3/4 or 7/8 turn if desired.



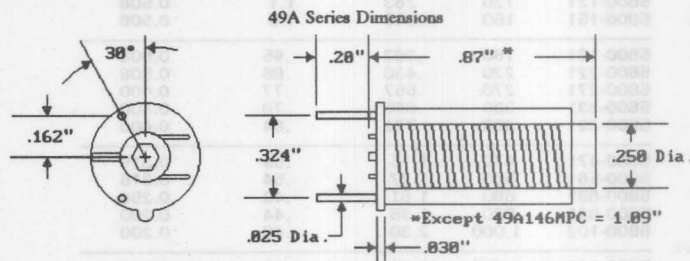
### 49A SERIES

A plastic form of polypropylene is molded around an accurately positioned winding.

These coils have unsurpassed stability and uniformity of electrical parameters.

MILLER NUMBER	L $\mu$ H Min.	L $\mu$ H Nom.	L $\mu$ H Max.	Q MIN.	Max. I, dc Amps	No. Turns
49A678MPC	.06	.067	.074	100	1.5	2-1/3
49A127MPC	.1	.116	.132	100	1.5	3-1/3
49A167MPC	.134	.164	.194	100	1.5	4-1/3
49A217MPC	.17	.214	.258	100	1.5	5-1/3
49A347MPC	.25	.338	.415	100	1.5	7-1/3
49A537MPC	.393	.525	.657	70	1.5	10-1/3
49A757MPC	.6	.75	.9	70	1.5	14-1/3
49A997MPC	.81	.99	1.16	70	1.5	18-1/3
49A126MPC	.96	1.15	1.34	70	1.5	21-1/3
49A146MPC	1.18	1.36	1.53	70	1.5	24-1/3

Wire size AWG 22 polyurethane coated, with tinned leads. OD at base = .46". Coil OD = .285"  
Core = 10-32 x 3/8 Carbonyl J.



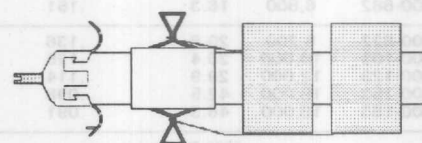
### Adjustable Wide Range Inductors

MILLER NUMBER	L $\mu$ H Min.	Q Min. @ L Min.	Test Freq. MHz	L $\mu$ H Max.	Q Min. @ L Max.	Test Freq. MHz	Fo Min. MHz	R, dc Max. Ohms	I, dc Max. mA	Dia. Max.
9001	40	85	2.5	240	220	.79	6	2.04	250	.4
9002	180	80	.79	800	170	.79	4	4.08	250	.45
9003	570	73	.79	2,800	110	.25	.9	8.52	250	.58
9004	2,100	72	.25	8,000	88	.25	.62	15.4	250	.68
9005	6,000	69	.25	16,000	105	.079	.4	33.6	200	.8
9006	12,000	43	.079	40,000	72	.079	.26	91.2	125	.75
9007	30,000	43	.079	105,000	76	.050*	.14	148	75	.68
9008	78,000	36	.079	240,000	61	.020*	.1	264	75	.75
9009	180,000	20	.020*	750,000	41	.020*	.03	620	50	.75

\* Inductance calculated at frequency shown. Varnish impregnated.

\*\* Minimum self resonant frequency measured at maximum inductance.

Coils are well adapted to prototype design because of there large inductance change and excellent Q.



Form length 2.25"  
Width across terminals .75"  
Mounting hole .314"

### Adjustable Wide Range Tapped Inductors

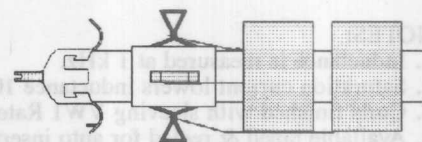
MILLER NUMBER	L $\mu$ H Min.	Q Min. @ L Min.	Test Freq. MHz	L $\mu$ H Max.	Q Min. @ L Max.	Test Freq. MHz	Fo Min. MHz	R, dc Max. Ohms	I, dc Max. mA	Dia. Max.
9011	40	85	2.5	240	220	.79	6	2.04	250	.4
9012	180	80	.79	800	170	.79	4	4.08	250	.45
9013	570	73	.79	2,800	110	.25	.9	8.52	250	.58
9014	2,100	72	.25	8,000	88	.25	.62	15.4	250	.68
9015	6,000	69	.25	16,000	105	.079	.4	33.6	200	.8
9016	12,000	43	.079	40,000	72	.079	.26	91.2	125	.75
9017	30,000	43	.079	105,000	76	.050*	.14	148	75	.68
9018	78,000	36	.079	240,000	61	.020*	.1	264	75	.75
9019	180,000	20	.020*	750,000	41	.020*	.03	620	50	.75

\* Inductance calculated at frequency shown. Varnish impregnated.

\*\* Minimum self resonant frequency measured at maximum inductance.

Coils are well adapted to prototype design because of there large inductance change and excellent Q.

Tapped at one third of the total turns.



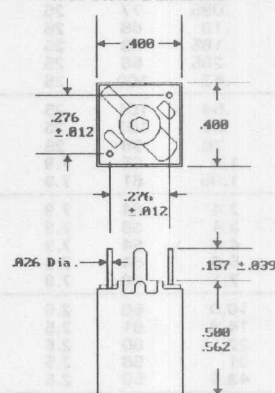
Form length 2.25"  
Width across terminals .75"  
Mounting hole .314"

### 4900 SERIES

MILLER NUMBER	L Min. $\mu$ H	Q Min. @ L Min.	Test Freq.	L Max. $\mu$ H	Q Min. @ L Max.	Test Freq.	
4901-S	.037	90	80	.039	85	80	SHIELDED
4902-S	.059	100	75	.071	95	75	SHIELDED
4903-S	.086	105	75	.107	90	75	SHIELDED
4904-S	.117	90	50	.159	90	50	SHIELDED
4905-S	.150	90	45	.208	80	45	SHIELDED
4906-S	.184	85	45	.262	70	45	SHIELDED
4907-S	.226	85	45	.311	65	45	SHIELDED
4908-S	.258	85	45	.363	60	45	SHIELDED
4909-S	.296	85	45	.417	55	45	SHIELDED
4910-S	.335	80	45	.454	50	45	SHIELDED
4901	.041	113	80	.050	136	80	UNSHIELDED
4902	.070	155	75	.100	139	75	UNSHIELDED
4903	.103	147	75	.152	133	75	UNSHIELDED
4904	.148	146	50	.252	162	50	UNSHIELDED
4905	.193	138	45	.337	142	45	UNSHIELDED
4906	.238	137	45	.417	122	45	UNSHIELDED
4907	.286	135	45	.508	105	45	UNSHIELDED
4908	.339	126	45	.600	89	45	UNSHIELDED
4909	.390	132	45	.691	76	45	UNSHIELDED
4910	.460	128	45	.788	72	45	UNSHIELDED

Minimum inductance measured with core removed.

4900 Series Dimensions

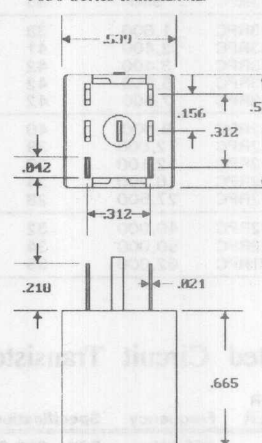


### 9050 SERIES

MILLER NUMBER	L Min. $\mu$ H	Q Min. @ L Min.	Test Freq.	L Max. $\mu$ H	Q Min. @ L Max.	Test Freq.	Fo Min. * MHz	R,dc Max. Ohms	I,dc Max. mA
9050	1.5	40	7.9	3	41	7.9	39	.66	80
9051	3	46	7.9	7	45	7.9	23	.85	125
9052	7	40	7.9	14	62	2.5	12	1.38	80
9053	14	48	2.5	28	66	2.5	7.2	2.1	80
9054	28	48	2.5	60	45	2.5	4.9	3	100
9055	60	40	2.5	120	69	.79	3.6	4	100
9056	120	52	.79	280	68	.79	2.5	5.75	80
9057	280	52	.79	650	62	.79	1.7	12	80
9058	650	36	.79	1,300	68	.25	1.2	15	100
9059	1,300	43	.25	3,000	53	.25	.57	23	100
9059-1	1,800	116	.25	2,200	129	.25	1.04	10	141
9060	3,000	32	.25	10,000	32	.079	.48	76	30
9061	8,000	35	.25	20,000	38	.079	.33	110	30
9062	15,000	25	.079	40,000	40	.079	.24	150	30
9063	20,000	36	.079	60,000	60	.079	.09	175	25

\* Minimum self resonant frequency measured at maximum inductance.

9050 Series Dimensions

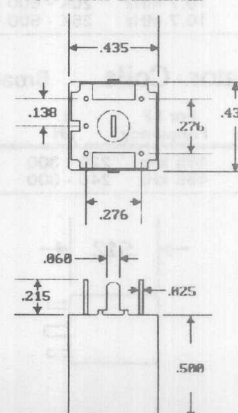


### 9100 SERIES

MILLER NUMBER	L Min. $\mu$ H	Q Min. @ L Min.	Test Freq.	L Max. $\mu$ H	Q Min. @ L Max.	Test Freq.	Fo Min. * MHz	R,dc Max. Ohms	I,dc Max. mA
9101	.099	64	25	.134	85	25	400	.01	4,850
9102	.129	70	25	.192	93	25	333	.01	4,430
9103	.165	77	25	.258	100	25	288	.02	3,970
9104	.246	83	25	.418	102	25	225	.02	3,830
9105	.366	88	25	.627	93	25	185	.02	3,430
9106	.588	40	25	.95	60	25	155	.9	516
9107	.83	43	25	1.54	50	7.9	116	1.02	485
9108	1.44	34	7.9	2.94	64	7.9	84	1.38	417
9109	2.52	40	7.9	5.7	77	7.9	60	1.76	368
9110	5.35	50	7.9	13.49	60	2.5	37.4	2.92	286
9111	12.5	31	2.5	29.45	60	2.5	9.7	4.72	225
9112	26.25	35	2.5	71.25	54	2.5	5.1	6.97	185
9113	64.57	36	2.5	163	50	.79	3.1	9.98	155
9114	147	31	.79	430	52	.79	2.1	16.32	121
9115	422	40	.79	1,100	42	.25	1.4	27.84	92
9116	1,050	39	.79	3,740	65	.25	.88	41.06	76
9117	3,360	40	.25	11,120	50	.079	.58	78.92	55

\* Minimum self resonant frequency measured at maximum inductance.

9100 Series Dimensions



# Miller

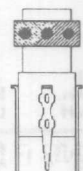
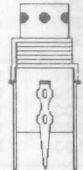
## Vertical Mounted Printed Circuit Velvetork Adjustable R F Coils

Length .75"  
Diameter over Collar .33"

Coil Form: Polyester impregnated Alpha-Cellulose tubing with internally bonded resilient ribs which provide both thread and torque control.

\* Minimum self resonant frequency measured at maximum inductance.

MILLER NUMBER	L Min. $\mu$ H	Q Min. @ L Min.	Test Freq.	L Max. $\mu$ H	Q Min. @ L Max.	Test Freq.	Fo Min. * MHz	R,dc Max. Ohms	I,dc Max. mA	Coil Dia. Max.
23A107RPC	.095	77	25	.125	94	25	350	.02	4,100	.4
23A157RPC	.13	68	25	.17	92	25	300	.02	1,600	.37
23A227RPC	.185	88	25	.265	100	25	230	.02	1,600	.37
23A337RPC	.285	88	25	.41	93	25	198	.03	1,000	.37
23A477RPC	.42	100	25	.58	80	25	150	.03	2,500	.37
23A687RPC	.54	101	25	.85	89	25	136	.03	1,600	.37
23A827RPC	.64	101	25	1.0	78	25	118	.03	1,600	.37
23A106RPC	.76	98	25	1.25	70	7.9	114	.04	1,600	.37
23A156RPC	1.2	65	7.9	1.87	70	7.9	89	.06	1,000	.37
23A226RPC	1.65	61	7.9	2.75	65	7.9	77	.14	400	.37
23A336RPC	2.4	64	7.9	4.1	60	7.9	62	.17	400	.37
23A476RPC	3.4	68	7.9	5.8	60	7.9	53	.24	400	.37
23A686RPC	4.6	64	7.9	8.5	56	7.9	45	.39	250	.37
23A826RPC	5.6	64	7.9	10.0	57	2.5	40	.64	160	.37
23A105RPC	7.1	68	7.9	12.5	55	2.5	38	.77	160	.37
23A155RPC	10.0	58	2.5	18.7	95	2.5	11.7	1.68	100	.37
23A225RPC	14.8	61	2.5	27.5	90	2.5	8.4	1.91	100	.37
23A335RPC	22	60	2.5	41	75	2.5	6.7	2.34	100	.37
23A475RPC	31	58	2.5	58	68	2.5	5.6	2.72	100	.4
23A685RPC	43.5	56	2.5	85	55	2.5	4.6	3.39	100	.4
23A825RPC	61	48	2.5	100	88	.79	4.3	3.89	100	.4
23A104RPC	76	52	2.5	125	90	.79	3.8	4.39	100	.4
23A154RPC	105	57	.79	187	92	.79	3.3	5.46	100	.4
23A224RPC	160	63	.79	275	90	.79	2.9	6.7	100	.44
23A334RPC	240	66	.79	410	90	.79	2.5	8.3	100	.44
23A474RPC	360	68	.79	580	81	.79	2.1	10.5	100	.48
23A684RPC	530	66	.79	850	75	.79	1.75	12.9	100	.48
23A824RPC	700	64	.79	1,000	80	.25	1.7	14.9	100	.53
23A103RPC	910	66	.79	1,250	85	.25	1.61	17.1	100	.58
23A153RPC	990	35	.25	1,870	60	.25	.73	28.2	65	.45
23A223RPC	1,600	39	.25	2,750	62	.25	.62	34.8	65	.45
23A333RPC	2,400	41	.25	4,100	60	.25	.6	42.9	65	.48
23A473RPC	3,400	42	.25	5,800	57	.25	.53	51.6	65	.48
23A683RPC	5,150	42	.25	8,500	50	.25	.5	63.6	65	.55
23A823RPC	7,400	42	.25	10,000	50	.079	.4	75.6	65	.55
23A102RPC	9,800	40	.25	12,500	52	.079	.38	87.3	65	.55
23A152RPC	12,000	39	.079	18,700	55	.079	.32	111	65	.6
23A222RPC	12,100	20	.079	27,500	51	.079	.26	197	33	.6
23A332RPC	18,200	24	.079	41,000	54	.079	.21	244	33	.6
23A472RPC	27,500	28	.079	58,000	56	.079	.2	302	33	.6
23A682RPC	40,000	32	.079	85,000	56	.079	.16	378	33	.58
23A822RPC	50,000	34	.079	100,000	58	.079	.15	423	33	.58
23A101RPC	62,000	35	.079	125,000	56	.079	.14	468	33	.6



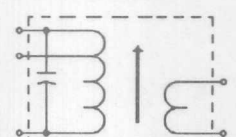
## Printed Circuit Transistor Transformers TV and Radio Coils and Transformers

Schematics for Transformers and Oscillators

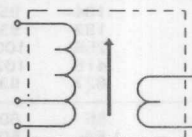
MILLER NUMBER	Frequency	Specifications	Dimensions	Schematic
2066	455 kHz	50K - 800 Ohms	.402 x .512	S57
2067	455 kHz	30K - 500 Ohms	.402 x .512	S57
2068	455 kHz	20K - 5k Ohms	.402 x .512	S57
8810	455 kHz	50K - 800 Ohms	.276 x .453	S57
8811	455 kHz	30K - 500 Ohms	.276 x .453	S57
8812	455 kHz	20K - 5k Ohms	.276 x .453	S57
8852	10.7 MHz	100K - 300 Ohms	.402 x .512	S41
8853	10.7 MHz	20K - 500 Ohms	.402 x .512	S52
8854	10.7 MHz	25K - 500 Ohms	.402 x .512	S52



S41



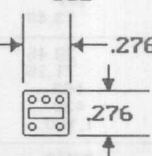
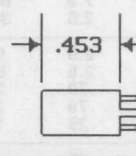
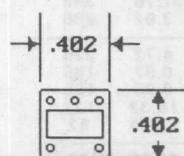
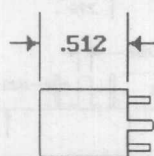
S57



S52

## Oscillator Coils Broadcast Band 540 - 1650 kHz

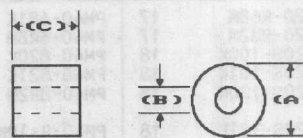
MILLER NUMBER	For I F Frequency	L $\mu$ H	Tuning Capacitor (pf)	Size	Schematic
2065	455 kHz	220 - 300	78 - 110pf	.402 x .512	S52
8813	455 kHz	240 - 300	78 - 110pf	.276 x .453	S52



Dimensions are in inches.

### FERRITE BEADS

Miller Number	Ferrite Material No.	Suggested Frequency Range	(A) Outside Diameter		(B) Inside Diameter		(C) Length	
			Min.	Max.	Min.	Max.	Min.	Max.
B73-085	73	Up to 40 MHz	.052	.056	.027	.031	.085	.095
B43-226	43	40 to 200 MHz	.13	.146	.047	.055	.226	.246
B73-226	73	Up to 40 MHz	.13	.146	.047	.055	.226	.246
B43-110	43	40 to 200 MHz	.13	.146	.047	.055	.118	.138
B64-110	64	Above 200 MHz	.13	.146	.047	.055	.118	.138
B73-110	73	Up to 40 MHz	.13	.146	.047	.055	.118	.138
B43-422	43	40 to 200 MHz	.19	.210	.057	.067	.422	.452
B73-422	73	Up to 40 MHz	.19	.210	.057	.067	.422	.452
B43-287	43	40 to 200 MHz	.291	.301	.089	.099	.287	.307
B73-287	73	Up to 40 MHz	.291	.301	.089	.099	.287	.307



The addition of a Ferrite Bead to a piece of wire causes the impedance of the lead to increase and acts like a small RF choke at high frequencies. It is possible to dissipate high frequency parasitic signals and attenuate undesirable frequencies that travel on DC circuits by the use of beads.

### WIDE-BAND CHOKES

Miller Number	Core Material	No. of Turns	Min. Z (Ω)	Freq. (MHz)	Fig.
B20009-3B	3B	1 1/2	300	120	A
B20019-4B	4B	1 1/2	350	250	A
B20010-3B	3B	2 1/2	600	50	B
B20020-4B	4B	2 1/2	700	180	B
B20011-3B	3B	2 x 1 1/2	700*	50	C
B20021-4B	4B	2 x 1 1/2	800*	110	C

Measured with the two 1 1/2 turn windings in series.

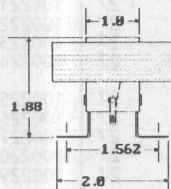
### POWER LINE FILTERS AND CHOKES

NOTE: All Inductance values are measured at 1 kHz.

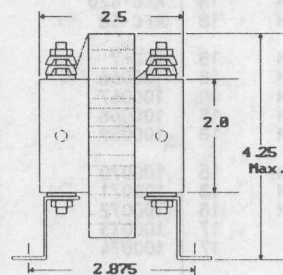
All Power Line Filters and Chokes are Varnish Impregnated, Universal Windings on Resinite Forms.

### SINGLE LINE FILTER CHOKES

Miller Number	I Amps	L μH ± 10%	R Max. Ohms
825	2	600	.84
825-3	3	250	.3
825-5	5	100	.12
825-8	8	50	.06
826	5	570	.34
827	10	370	.18
828	15	200	.10
829	20	135	.06



Dimensions for 7825 Series

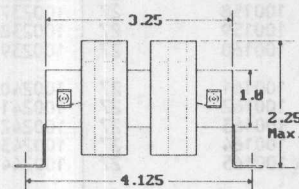


Dimensions for 7826 thru 7829

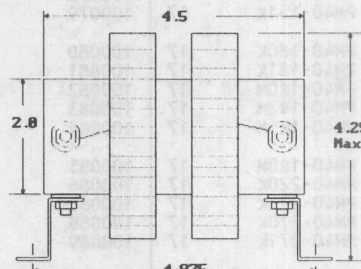
### DUAL LINE FILTER CHOKES

Miller Number	I Amps	L μH ± 10%	R Max. Ohms
D-7825	2	600	.84
D-7825-3	3	250	.3
D-7825-5	5	100	.12
D-7825-8	8	50	.06
D-7826	5	570	.34
D-7827	10	370	.18
D-7828	15	200	.10
D-7829	20	135	.06

NOTE: Ratings are for each winding.



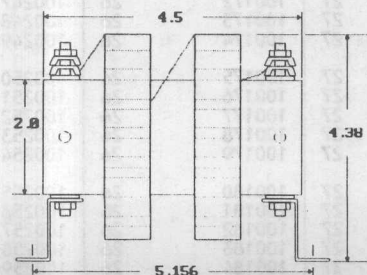
Dimensions for D-7825 Series



Dimensions for D-7826 thru D-7829

### TOWER LIGHTING CHOKES

Miller Number	I Amps	L μH ± 10%	R Max. Ohms
T-7870	5	1,200	.67
T-7871	10	750	.36
T-7872	15	450	.20



Dimensions for 7870 thru 7872

Two-pi universal wound chokes designed for use in tower lighting circuits of commercial transmitter antenna towers. They offer high impedance to radio frequency and extremely low distributed capacity. Low power-frequency reactance and DC resistance insure minimum lighting power loss. Varnish impregnated winding.

# INDEX

MILLER NUMBER	PAGE NO.	MILLER NUMBER	PAGE NO.	MILLER NUMBER	PAGE NO.	MILLER NUMBER	PAGE NO.	MILLER NUMBER	PAGE NO.	MILLER NUMBER	PAGE NO.
D-7825	39	PM20-R68M	17	PM40-681K	17	100106	27	100185	26	100260	26
D-7825-3	39	PM20-R82M	17	PM40-6R8M	17	100107	27	100186	26	100261	26
D-7825-5	39	PM20S-100K	18	PM40-820K	17	100108	27	100187	26	100262	26
D-7825-8	39	PM20S-101K	18	PM40-821K	17	100109	27	100188	26	100263	26
D-7826	39	PM20S-120K	18	PM40-8R2M	17	100110	27	100189	26	100264	26
D-7827	39	PM20S-121K	18	PM40-R-10M	17	100111	27	100190	26	100265	26
D-7828	39	PM20S-150K	18	PM40-R-12M	17	100112	27	100191	26	100266	26
D-7829	39	PM20S-151K	18	PM40-R-15M	17	100113	27	100192	26	100267	26
FB20009-3B	39	PM20S-180K	18	PM40-R-18M	17	100114	27	100193	26	100268	26
FB20010-3B	39	PM20S-181K	18	PM40-R-22M	17	100115	27	100194	26	100269	26
FB20011-3B	39	PM20S-1R0K	18	PM40-R-27M	17	100116	27	100195	26	100270	26
FB20019-4B	39	PM20S-1R2K	18	PM40-R-33M	17	100117	27	100196	26	100271	26
FB20020-4B	39	PM20S-1R5K	18	PM40-R-39M	17	100118	27	100197	26	100272	26
FB20021-4B	39	PM20S-1R8K	18	PM40-R-47M	17	100119	27	100198	26	100273	26
FB43-110	39	PM20S-220K	18	PM40-R-56M	17	100120	27	100199	26	100274	26
FB43-226	39	PM20S-221K	18	PM40-R-68M	17	100121	27	100200	26	100275	26
FB43-287	39	PM20S-270K	18	PM40-R-82M	17	100122	27	100201	26	100276	26
FB43-422	39	PM20S-2R2K	18	PMB0805-1	18	100123	27	100202	26	100277	26
FB64-110	39	PM20S-2R7K	18	PMB0805-2	18	100124	27	100203	26	100278	26
FB73-085	39	PM20S-330K	18	PMB1206-1	18	100125	27	100204	26	100279	26
FB73-110	39	PM20S-390K	18	PMB1206-2	18	100126	27	100205	26	100280	26
FB73-226	39	PM20S-3R3K	18	PMB1210-1	18	100127	27	100206	26	2065	38
FB73-287	39	PM20S-3R9K	18	PMB1210-2	18	100128	27	100207	26	2066	38
FB73-422	39	PM20S-470K	18	PMB1806-1	18	100129	27	100208	26	2067	38
PM20-100K	17	PM20S-4R7K	18	PMB1806-2	18	100130	27	100209	26	2068	38
PM20-101K	17	PM20S-560K	18	PMB1812-1	18	100131	27	100210	26	23A101RPC	38
PM20-120K	17	PM20S-5R6K	18	PMB1812-1	18	100132	27	100211	26	23A102RPC	38
PM20-121K	17	PM20S-680K	18	RFC-14	31	100133	27	100212	26	23A103RPC	38
PM20-150K	17	PM20S-6R8K	18	RFC-144	31	100134	27	100213	26	23A104RPC	38
PM20-151K	17	PM20S-820K	18	RFC-21	31	100135	27	100214	26	23A105RPC	38
PM20-180K	17	PM20S-8R2K	18	RFC-220	31	100136	27	100215	26	23A106RPC	38
PM20-181K	17	PM20S-R10M	18	RFC-28	31	100137	27	100216	26	23A107RPC	38
PM20-1R0K	17	PM20S-R12M	18	RFC-3.5	31	100138	27	100217	26	23A152RPC	38
PM20-1R2K	17	PM20S-R15M	18	RFC-420	31	100139	27	100218	26	23A153RPC	38
PM20-1R5K	17	PM20S-R18M	18	RFC-50	31	100140	27	100219	26	23A154RPC	38
PM20-1R8K	17	PM20S-R22M	18	RFC-7	31	100141	27	100220	26	23A155RPC	38
PM20-220K	17	PM20S-R27M	18	100066	27	100142	27	100221	26	23A156RPC	38
PM20-221K	17	PM20S-R33M	18	100067	27	100143	27	100222	26	23A157RPC	38
PM20-270K	17	PM20S-R39M	18	100068	27	100144	27	100223	26	23A222RPC	38
PM20-2R2K	17	PM20S-R47M	18	100069	27	100145	27	100224	26	23A223RPC	38
PM20-2R7K	17	PM20S-R56M	18	100070	27	100146	27	100225	26	23A224RPC	38
PM20-330K	17	PM20S-R68M	18	100071	27	100147	27	100226	26	23A225RPC	38
PM20-390K	17	PM20S-R82M	18	100072	27	100148	27	100227	26	23A226RPC	38
PM20-3R3K	17	PM40-100K	17	100073	27	100149	27	100228	26	23A227RPC	38
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PM20-R010M	17	PM40-1R2M	17	100083	27	100159	27	100238	26	23A475RPC	38
PM20-R012M	17	PM40-1R5M	17	100084	27	100160	27	100239	26	23A476RPC	38
PM20-R015M	17	PM40-1R8M	17	100085	27	100161	27	100240	26	23A477RPC	38
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PM20-R022M	17	PM40-221K	17	100087	27	100163	27	100242	26	23A683RPC	38
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PM20-R033M	17	PM40-271K	17	100089	27	100165	27	100244	26	23A685RPC	38
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4604	30	5250	32	5522	34	5800-183	35	5900-681	35	70F472AF	29
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74F685A1	30	78F221K	19	8230-38	20	9012	36	9110-56	21	9130-92	21
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9220-44	23	9230-62	22	9250-226	25	9310-08	22	9330-00	23	9340-44	24
9220-46	23	9230-64	22	9250-271	25	9310-10	22	9330-01	23	9350-00	24
9220-48	23	9230-66	22	9250-272	25	9310-12	22	9330-02	23	9350-02	24
9220-50	23	9230-68	22	9250-273	25	9310-14	22	9330-03	23	9350-04	24
9220-52	23	9230-70	22	9250-274	25	9310-16	22	9330-04	23	9350-06	24
9220-54	23	9230-72	22	9250-275	25	9310-18	22	9330-05	23	9350-08	24
9220-56	23	9230-74	22	9250-276	25	9310-20	22	9330-06	23	9350-10	24
9220-58	23	9230-76	22	9250-331	25	9310-22	22	9330-07	23	9350-12	24
9220-60	23	9230-78	22	9250-332	25	9310-24	22	9330-08	23	9350-14	24
9220-62	23	9230-80	22	9250-333	25	9310-26	22	9330-10	23	9350-16	24
9220-64	23	9230-82	22	9250-334	25	9310-28	22	9330-12	23	9350-18	24
9220-66	23	9230-84	22	9250-335	25	9310-30	22	9330-14	23	9350-20	24
9220-68	23	9230-86	22	9250-336	25	9310-32	22	9330-16	23	9350-22	24
9220-70	23	9230-88	22	9250-391	25	9310-34	22	9330-18	23	9350-24	24
9220-72	23	9230-90	22	9250-392	25	9310-36	22	9330-20	23	9350-26	24
9220-74	23	9230-92	22	9250-393	25	9310-38	22	9330-22	23	9350-28	24
9220-76	23	9230-94	22	9250-394	25	9310-40	22	9330-24	23	9350-30	24
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9230-02	22	9250-101	25	9250-396	25	9310-44	22	9330-28	23	9350-34	24
9230-04	22	9250-102	25	9250-471	25	9310-46	22	9330-30	23	9350-36	24
9230-06	22	9250-103	25	9250-472	25	9310-48	22	9330-32	23	9350-37	24
9230-08	22	9250-104	25	9250-473	25	9310-50	22	9330-34	23	9350-38	24
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9230-12	22	9250-106	25	9250-475	25	9320-00	23	9330-38	23	9350-40	24
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9230-18	22	9250-122	25	9250-562	25	9320-06	23	9340-03	24	9360-01	24
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9230-22	22	9250-124	25	9250-564	25	9320-08	23	9340-06	24	9360-03	24
9230-24	22	9250-125	25	9250-565	25	9320-09	23	9340-08	24	9360-04	24
9230-26	22	9250-126	25	9250-566	25	9320-10	23	9340-10	24	9360-05	24
9230-28	22	9250-151	25	9250-681	25	9320-11	23	9340-12	24	9360-06	24
9230-30	22	9250-152	25	9250-682	25	9320-12	23	9340-14	24	9360-07	24
9230-32	22	9250-153	25	9250-683	25	9320-13	23	9340-16	24	9360-08	24
9230-34	22	9250-154	25	9250-684	25	9320-14	23	9340-18	24	9360-09	24
9230-36	22	9250-155	25	9250-685	25	9320-16	23	9340-20	24	9360-10	24
9230-38	22	9250-156	25	9250-686	25	9320-18	23	9340-22	24	9360-11	24
9230-40	22	9250-181	25	9250-821	25	9320-20	23	9340-24	24	9360-12	24
9230-42	22	9250-182	25	9250-822	25	9320-22	23	9340-26	24	9360-13	24
9230-44	22	9250-183	25	9250-823	25	9320-24	23	9340-28	24		
9230-46	22	9250-184	25	9250-824	25	9320-26	23	9340-30	24		
9230-48	22	9250-185	25	9250-825	25	9320-28	23	9340-32	24		

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